



► Welcome to Azarakhsh company

نگرش مردم نسبت به پدیده های اجتماعی می تواند در تحقق آرمانها و رفاه مردم جامعه نقش تسهیل کننده ای داشته باشد. روزگاری هدف از تهیه ی مسکن، مصون نگه داشتن انسان از سرما، گرما و خطر بود اما امروزه ساخت و ساز تحت تاثیر مهندسی معماری و صنعت ساختمان سازی قرار گرفته و در راه تامین مسکن، به بهترین و زیباترین می اندیشد به همین دلیل در صنعت ساختمان سازی، نمای ساختمان از اهمیت خاصی برخوردار شده است، لذا شناخت و استفاده از مصالحی که این نیازها را برآورده سازد در اولویت قرار می گیرد. یکی از رایج ترین مصالح ساختمانی، آجر است که علاوه بر خصوصیات ذاتی آن که پایداری در برابر سرما، گرما و رطوبت و.... می باشد، زیبایی ظاهری آن نیز مورد توجه همگان قرار گرفته است، این خواص باعث شده است که آجر به عنوان یکی از پر مصرف ترین مصالح در ساختمان ها باشد. زیبایی و الگوی حاصل از آجر چینی باعث شده که به صورت نما در داخل و خارج بنا مطرح گردد و هویتی خاص به ساختمان بخشد استفاده از آجر به عنوان کف فرش، پله و محوطه سازی فارغ از مقاومت مطلوب آن ویژگی های اقلیمی این مصالح کویری را در تمام شرایط جوی بیشتر به نمایش می گذارد. در این راستا، توانمندی ها، اطلاعات فنی بالا و روشهای نوین به همراه امکانات فراوان مجموعه ی آذرخش، این امکان را فراهم نموده تا علاوه بر مدرن بودن آجر نسوز نما تولیدی این گروه، مسیری برای شکفتن روح حساس و زیباشناس معماران فراهم گرداند. البته آجر تنها وسیله ی شناخت این زیبایی روحی نیست، بلکه در پروسه ساخت ساختمان از منظر زیبایی شناسی عوامل بسیاری دخیلند، ولی تفاوت بین آنها در این است که آجر قابلیت ایفای هر ایده ای را دارد و با وجود گذشت قرون، هنوز مدرن و کارآمد است. گروه بین المللی کارخانجات فراورده های نسوز آذرخش قم با بهره گیری از متخصصان کارآموزده و استفاده از مدرن ترین تکنولوژی های روز دنیا و با رعایت قوانین ایزو ۹۰۰۱ و استانداردهای بین المللی توانسته بیشترین تنوع و ظرفیت را در تولیدات خود بوجود آورد. دامنه تولیدات این گروه از طرح های سنتی و انتیک تا مدرن گسترش یافته است. این گروه شما را دعوت می نماید تا با نگاهی عمیق و دقیق به تولیدات این مجموعه بر اساس سلیقه و نیاز خود، بهترین ها را انتخاب نمایید. بهترین ها شایسته ی شماست.

People's attitudes to social phenomena may play a facilitating role in fulfillment of their goals and welfare. One day, the purpose of dwelling was to be protected from coldness, warmth and hazards, but today the purpose of building construction has been affected by architectural and construction engineering, and human think about dwelling as the best and most beautiful ones. For this reason, façade has a great importance in building industry today. Therefore, identification and application of materials which may fulfill these needs have been prioritized. One of the most common construction materials is brick. In addition to its resistibility against coldness, warmth and humidity, its apparent beauty has been paid in attention. These characteristics have led the brick to be used most commonly in the world. The beauty and pattern of brickwork has made it to be used for inner and outer facades of buildings and provide a particular identity for building. Bricks can be used for flooring, staircase flooring and or construction and area construction excluding its favorable strength. In addition, climatic properties of these desert materials represent their durability under different climatic circumstances. In this regard, abilities, having high technical information and modern methods together with vast facilities of Azarakhsh group have provided the path of prospering sensitive and aesthetic spirits of architects in addition to modernity of façade bricks produced by this group. Of course, the brick is not the only means of identifying this spiritual beauty. In fact, there are many factors, from the view point of building aesthetics, which play role in building construction. However, the difference among them originates from the fact that any ideas can be applied by brick and it is still modern and applicable despite pass of centuries. Benefiting from qualified experts, using state of the art technologies and observing ISO 9001 standard rules as well as other international standards, Azarakhsh Qom International refractory products have provided the vastest diversity and capacity for production of its products. The scope of our production ranges between antique to modern products. We invite you to select the best of our products with accurate observation based on elegance and needs. The bests deserve you.

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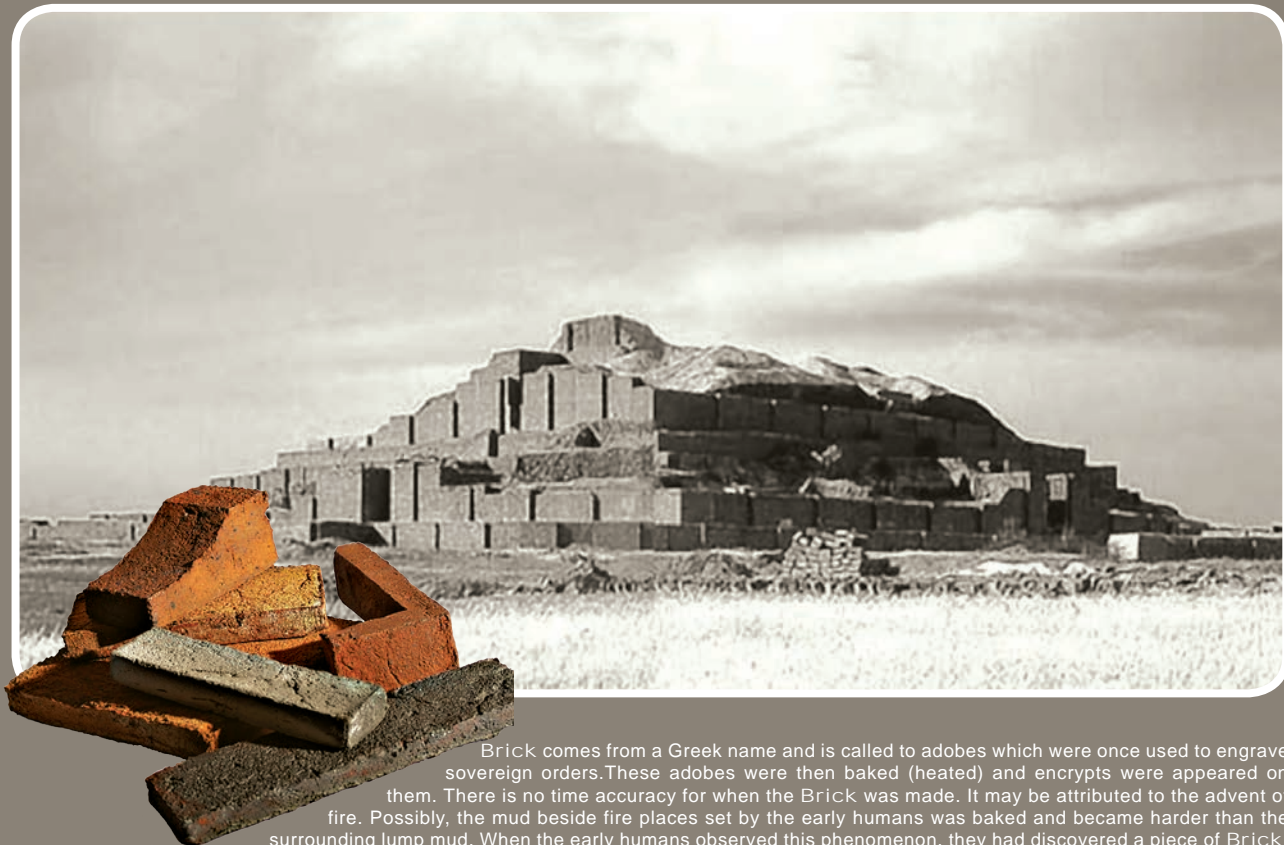
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We Change Your Mind



Brick comes from a Greek name and is called to adobes which were once used to engrave sovereign orders. These adobes were then baked (heated) and encrypts were appeared on them. There is no time accuracy for when the Brick was made. It may be attributed to the advent of fire. Possibly, the mud beside fire places set by the early humans was baked and became harder than the surrounding lump mud. When the early humans observed this phenomenon, they had discovered a piece of Brick.

Brick is one of the construction materials which have congruency with humankind temperament. In addition, it has been used at any times in the history in some kind. At first, the humankind dwelled in caved. Then, they decided to find a shelter to protect themselves from atmospheric factors such as wind, rain, coldness, warmness and the invasion of predators and stingers. Bricks are the materials produced industrially and substituted by the stone. In fact, Brick is a man-made stone which has been deformed from its original nature. This group of construction materials which is considered as the first industrially mass produced construction material by the human is classified into different types based on the type of raw materials, production procedure or place of use. Argillous or clayey Bricks which are the first and most abundant have ages of thousands of years. Through advancement of chemical technology and science of chemistry, countless types of Bricks with different qualities, sizes and apparent form have been offered to market. Today, we can observe vast types of these products.

آجر یا آجور یا آگور واژه ایست یونانی و به خشت هایی گفته می شد که احکام و فرامین دولتی روی آن حک می گردید و سپس با پختن این خشت ها، نوشته های روی آن پایدار می شد. به راستی که پیدایش آجر از چه زمانی آغاز شد؟ آیا می توان آن را با پیدایش آتش همزمان دانست بدین طریق که گل موجود در کناره اجاق های انسان های اولیه پخته شده و سخت تر از کلوخه های همجوار خود گردید و با مشاهده آن بشر اولیه قطعه ای از آجر را کشف نمود. آجر یکی از مصالح ساختمانی است که با خلق و خوی بشر بسیار سازگار بوده و در هر دورانی از تاریخ به نوعی مورد استفاده واقع قرار گرفته است. ابتدا بشر زندگی غار نشینی را پشت سر گذاشته و فکر تهیه سر پناه در ذهن او ایجاد شد تا خود را از گزند عوامل جوی مانند باد، باران، سرما، گرما و هجوم جانوران درنده و گزنده محفوظ نگاه دارد. آجر ها گروهی از مصالحی هستند که به صورت صنعتی تولید و جایگزین سنگ شده اند و در حقیقت، سنگی ساخته دست بشر هستند، سنگی دگرگون که از تغییر وضعیت خویش پدید آمده است. این گروه از مصالح که اولین تولید صنعتی انبوه از مصالح ساختمانی به ساخت دست بشر به شمار می آیند، بر اساس نوع مواد اولیه، روند تولید و محل مصرف به انواع متنوعی تقسیم می شوند. آجر های رسی که اولین و فراوان ترین آنها هستند قدمت چند هزار ساله دارند. با پیشرفت تکنولوژی و علم شیمی انواع بی شماری از آجر ها با کیفیت های مختلف، ابعاد و شکل ظاهری متنوع راهی بازار مصرف شده اند امروز شاهد تنوعی چشم گیر از این نوع محصولات هستیم.



هنر و آثار باستانی بازتاب زحمات ، تلاش و حاصل زندگی انسانهاست و بخشی بزرگی از تمدن جوامع بشری را تشکیل می دهد . از این رو بررسی و شناخت و از همه مهمتر حفظ آن بسیار مفید و ضروری است . لذا باید محصولات هنری و آثار باستانی را به عنوان آثار گرانقدر بشری قلمداد کنیم چراکه این آثار غیر قابل تکرار در تاریخ هستند امروزه به منظور حفظ و ماندگاری بناهای مهم و خاص از آجر های نسوز استفاده می شود که از ویژگیهای آن می توان مقاومت در برابر سایش و یخبندان های مکرر و قابلیت مصرف در تمامی شرایط اقلیمی را نام برد . آجر نسوز آذرخش علاوه بر دارا بودن تمامی خصوصیات و ویژگی های مذکور ، دارای تنوع در رنگ ، زیبایی و استحکام فوق العاده است که آن را از آجر های نسوز دیگر کاملاً متمایز می سازد .

Ancient art and works are reflection of humankind's endeavor and constitute the main part of civilization of human societies. Therefore, investigation, identification and preservation of these works, above all, are very useful and indispensable. For this reason, artistic and ancient works shall be considered as the humankind' worthy works since they cannot be repeated in history.

Today, refractory bricks are used to preserve the firmness of important buildings. These bricks have some main characteristics such as resistance to abrasion (abrasion-resistance), repetitive or frequent frosts and usability under different climatic circumstances. In addition to having all above mentioned characteristics, Azaraksh refractory bricks have vast diversity of colors, beauty and durability which make them more distinguished from other refractory bricks.



Azaraksh International Refractory Brick Manufacturer Group

گروه بین المللی کارخانجات فرآورده های نسوز آذرخش قم
 شرکت تولیدی صنعتی آذرخش آجر نسوز قم (۱۵۸۵)
 شرکت آذرخش فرآورده های نسوز قم (۳۹۷۰)
 شرکت بین المللی سرامیک های نسوز آذرخش قم (۹۸۲۰)
 شرکت مهندسی مشاور بین المللی آذرخش سرام (۴۰۱۶۳۴)
 شرکت بین المللی آذرخش توسعه صنایع نسوز (۱۱۶۳۰)

گروه بین المللی کارخانجات فرآورده های نسوز آذرخش قم با استعانت از خداوند متعال، همیاری پرسنل و متخصصین فعال و بهره گیری از معادن انحصاری خود و با استفاده از مرغوبترین مواد اولیه موجود در کشور، به منظور تامین نیازهای روز افزون صنعت ساختمان به انواع فرآورده های نسوز و به جهت ارزآوری در سال ۱۳۷۶ با اهدافی از پیش تعیین شده، واحد شماره ۱ خود را با ظرفیت سالانه ۱۵۰۰۰ تن انواع مواد نسوز و آجر نمای نسوز در شهرک صنعتی شکوهیه قم تحت نام شرکت تولیدی صنعتی آذرخش آجر نسوز قم تاسیس نمود و واحد شماره ۲ خود را در سال ۱۳۸۲ به نام شرکت آذرخش فرآورده های نسوز قم با پیشرفته ترین ماشین آلات روز دنیا با ظرفیت سالانه ۱۸۰۰۰ تن انواع آجرهای نسوز نما ساختمان، در شهرک صنعتی محمودآباد قم تاسیس نموده است و پس از بازاریابی های گوناگون در سطح بین الملل واحد شماره ۳ خود را در سال ۱۳۸۷ تحت نام ((شرکت بین المللی سرامیک های نسوز آذرخش قم)) با ظرفیت سالانه ۶۰۰۰۰۰ تن انواع آجر های نسوز نما و کف ساختمان تاسیس و به بهره برداری رساند. گروه بین المللی آذرخش در حال حاضر بزرگترین تولید کننده ی انواع فرآورده های نسوز نماهای ماندگار ساختمان با کیفیت عالی و قابل رقابت با مشابه خارجی در سطح خاورمیانه می باشد و تنها تولیدکننده ی انواع آجر نسوز صفحه ای تزئینی در ابعاد بزرگ در کشور می باشد و افتخارات متعددی در سطح بین الملل برای کشور به ارمغان آورده است. این گروه به منظور توسعه روز افزون صادرات و ارزآوری و همچنین جهت کار آفرینی در کشور و با چشم اندازی به افق های روشن، به ارتقاء و اعتلای میهن عزیزمان می اندیشد و در راستای این اهداف متعالی واحد شماره ۴ خود را در شهرک صنعتی محمود آباد قم در مجاورت واحد ۳ با مساحت ۶۰۰۰۰ متر با ظرفیت سالانه ۳۶۰۰۰۰ تن انواع آجر های نسوز نمای ساختمان و آجر های ویژه در سال ۱۳۹۱ تحت نام شرکت بین المللی آذرخش توسعه صنایع نسوز تاسیس نمود.

By the assistance of God, collaboration of active staffs and experts and benefiting from its exclusive mines as well as using the most premium raw materials (existing in Iran), **Azarakhsh Co.** has established its unit (factory) No.: 1 with annual capacity of 15,000 tons of refractory bricks and products since 1997 in Qom's Shokoochieh Industrial Town with pre-determined goals to provide foreign currencies. It then established its second factory under the name of **Azarakhsh Qom Refractory** products with state of the art machineries with annual capacity of 18000 tons of façade refractory bricks in Qom's Mahmood Abad Industrial Town. After vast international marketing, it erected its third factory under the name of **Azarakhsh Qom International Refractory Ceramics Co.** with annual capacity of 60000 tons of façade and floor refractory bricks. At the moment, **Azarakhsh International Group** is one of the biggest producers of refractory products in Middle East (with high quality and competitiveness with foreign prototypes) for long-lasting façades of buildings. It is also the biggest producer of big-size planar refractory bricks in the state. **Azarakhsh** group has gained many international honors for Iran. For the purpose of ever-increasing export development and suppleness of foreign currencies and glancing the bright horizons of the state promotion and excellence, this group has established its fourth factory under the name of **Azarakhsh International Co., Development of Refractory Products**, with annual capacity of 360,000 tons. This factory, which is 60,000 Sq. m. in area, is located beside the third factory and produces different kinds of special and façade refractory bricks.

● Azarakhsh Qom Industrial Refractory Brick Production Co.(1585)





WE ARE
Here

You've heard of us?
We deserve your *trust!*



FACTORY NO 2

Azarakhsh International
Refractory Brick
Manufactor Group



FACTORY NO 3



FACTORY NO 4

- Azarakhsh Qom Refractory Products Co. (3970)
- Azarakhsh Qom International Refractory Ceramics Co. (9820)
- Azarakhsh International Co, Development of Refractory Products (11630)

SOME SPECIFICATIONS

of Firebricks Compared with usual Facade bricks

Azarakhsh



OUR QUALITIES

We know how to create a safe & clean environment for everyone

- ✓ Sound and heat insulator and incombustible isolator up to 1200° C.
- ✓ Resistant against freezing (Glacial), against friction and erosion against acidic rains, resistance against cold, warmth, moisture, and sun rays.
- ✓ Clean environment, due to not using pollutants such as lime and asbestos.
- ✓ Extraordinary colors with a variety of models (classic, antique, modern)
- ✓ Usable in any type of climate and weather condition ...



GET IN TOUCH!



MAIN OFFICE
NO. 21, Azarakhsh Building
Alef Sq. Zafaraniye, Tehran



VISIT OUR
WEBSITE
www.Azarakhsh.ir



WHAT OUR FACILITIES SAY

گروه بین المللی کارخانجات آجر نسوز نما آذرخش ، دارای ۴ کارخانه مجهز و پیشرفته تولید آجر می باشد.

کارخانه شماره ۱: شرکت تولیدی صنعتی آذرخش آجر نسوز قم

• این کارخانه مجهز به واحدهای دانه بندی ، پرس ، پخت و بسته بندی می باشد . واحد آزمایشگاه کنترل کیفی و آنالیز ، پرس های تمام اتوماتیک با ظرفیت های ۴۰۰ تا ۹۸۰ تن و کوره های شاتل با ظرفیت های ۵۰ الی ۱۰۰ از دیگر امکانات مجهز این کارخانه به شمار می روند.

کارخانه شماره ۲: شرکت آذرخش فراآورده های نسوز قم

• این کارخانه علاوه بر داشتن واحد دانه بندی پیشرفته ، در سالن های تولید، دارای ۱۲ دستگاه پرس هیدرولیک با ظرفیت های ۹۸۰ تا ۱۴۰۰ تن میباشد . ۵ دستگاه کوره شاتل واگنی با ظرفیت های بیش از ۲۰۰ تن را می توان از دیگر امکانات مجهز این کارخانه برشمرد.

کارخانه شماره ۳: شرکت بین المللی سرامیک های نسوز آذرخش

• این کارخانه دارای ، سیستم های پیشرفته و تخصصی خردایش ، دانه بندی و آسیاب های کوبیت ، فکی و تیغه ای است ، کوره های دوار و ماشین آلات تمام اتوماتیک در تمامی مراحل آماد سازی مواد اولیه و همچنین ماشین آلات پیشرفته ی انتقال مواد ، همه بخشی از امکانات این مجموعه به شمار می آیند . این کارخانه با به کارگیری ۱۴ دستگاه پرس هیدرولیک تمام اتوماتیک شرکت ساکمی ایتالیا با ظرفیت های ۱۴۰۰ تن و همچنین کوره تونلی اتوماتیک توانسته است ، در راستای اهداف این گروه گام بردارد .

کارخانه شماره ۴: شرکت بین المللی آذرخش توسعه صنایع نسوز

• این کارخانه با بهره گیری از جدیدترین و پیشرفته ترین ، متدهای تولید و استفاده از مجهز ترین ، تجهیزات ، روز دنیا توانسته است به یکی از بزرگترین کارخانه های تولید آجر در منطقه تبدیل شود . این کارخانه طی سالهای همکاری با شرکت ساکمی ایتالیا ، که یکی از معتبرین کارخانه های تولید تجهیزات و ماشین آلات آجر و سرامیک است به یکی از مهمترین و بزرگترین کارخانه های تولید آجر در دنیا تبدیل شده است . سیستم دانه بندی تمام اتوماتیک خط و تولید روباتیک و مکانیزه و همچنین دار بودن ، جدیدترین و به روز ترین آزمایشگاه کنترل کیفی ، کوره های رولری و خط تولید تمام اتوماتیک و پیشرفته که از امکانات بی بدیل این مجموعه است . ما را در پیش برد اهداف این مجموعه که رسیدن به اقصای افق های روشن در جهت جلب رضایت شما عزیزان همراه ، و ارتقاء اعتلای این مرزبوم یاری رسانده است .

Azarakhsh International Facade Refractory Brick Manufacturer Group includes four modern and equipped factories;

Factory No .1: Azarakhsh Qom Refractory Brick Productive – Industrial Co.

This factory includes grading, pressing, baking and packing units. Quality control and analysis lab, fully-automatic pressing machines with capacities of 980 to 1400 tons and also shuttle furnaces with capacities of 50 to 100 are other possibilities this factory is equipped with.

Factory No .2: Azarakhsh Qom Refractory Products Co.

Addition to grading unit, this factory is equipped with twelve hydraulic pressing machines with capacities of 980 to 1400 tons. Five wagon-type shuttle furnaces with capacities of more than 200 tons can be mentioned other possibilities this factory is equipped with.

Factory No.3: International Azarakhsh Qom Refractory Ceramics Co.

This factory is equipped with modern and specialized equipment of grinding, grading, cubits, jaw and blade mills systems , rotating furnace, fully-automatic machineries in all raw materials preparation steps and also modern material conveyance machineries etc. this factory with use of fourteen fully-automatic hydraulic pressing machines manufactured by Sacmi Imola co(Italy) is successful to achieve groups' goals.

Factory No.4: International Azarakhsh development of Refractory Industries co.

This factory with the use of the most advanced methods and modern technologies and equipment around the world and also cooperation with Sacmi Imola co, one of the best and most important companies producing ceramic and brick machineries, became one of the biggest factories and is known as pioneer in Refractory Brick industry in middle east. Fully-automatic grading system, modern robotic product line, modern quality control lab are the other possibilities of this factory of Azarakhsh Group.

These possibilities help us to be successful in your satisfaction



PRECIOUS BRICKS

Azarakhsh Co. facade firebricks international manufacturer group with the support of specialize personnel and equipments and with the use of modern technologies and possibilities around the world is ready at any time that you wish to actualize your dream.

بزرگترین تولیدکننده ی انواع آجرهای نسوز نماهای ماندگار ساختمان در خاورمیانه
عضوانجمن آجر آمریکا

گروه بین المللی کارخانجات فرآورده های نسوز آذرخش با
پشتوانه تجهیزات و پرسنل متخصص خود و با بهره گیری
از کلیه امکانات و تکنولوژی های روز دنیا و مطابق با
استاندارد های بین المللی در هر زمان که شما اراده کنید
آماده ی تحقق آن رویایی است که شما به آن می اندیشید...

High-grade bricks for a worth living
architecture.



INTERNATIONAL REFRACTORY BRICK & CERAMIC GROUP

برای دریافت جزئیات و آدرس های مربوط به تصاویر داخل کاتالوگ
و سایر پروژه های انجام شده با آجر آذرخش ، با مراجعه به منوی
(پروژه ها) در سایت آذرخش می توانید در هر گوشه از ایران پهنای
که باشید از نزدیک ترین پروژه ها به محل زندگی تان بازدید نمایید

The Biggest Manufacturer Of Fire-Proof Productions & Brick Face in Middle East



We Change Your Mind

6.

ABRASION RESISTANT

Surfaces remain like new,
even after severe stress.

In most ancient civilizations of the world, selection of **Brick** has been the most appropriate and durable element in creation of buildings and beautiful textures. In fact, in addition to beauty, it has a long-lasting durability from the very old times. At the present, in accordance with advances taken place in technology of **Brick** production, more durable **Bricks** have been produced in comparison with past. Using such technologically-produced **Bricks** for surface flooring will bring a relic for future ending the antiquity of history and make the environment hundreds of time more beautiful.

انتخاب آجر در اکثر تمدن های کهن و باستانی جهان ، مناسب ترین و ماندگارین اثر در خلق بنا و بافت های زیباست که از دیر باز تاکنون علاوه بر زیبایی ، ماندگاری طولانی را نیز در برداشته است . اکنون نیز با توجه به پیشرفت در تکنولوژی ، آجر های مقاوم تری نسبت به گذشته تولید می شود که بهره مندی از این آجر ها برای فرش کردن سطوح ، دوام و ماندگاری به قدمت تاریخ به یادگار خواهد گذاشت و زیبایی محیط را صد چندان خواهد کرد .

ABRASION
RESISTANT



ضد ساییش در برابر تردد های زیاد و عوامل فرسایش زا

7.

NON-SLIPPERY

Things will not slip quite so fast on this surface

Friction and non-slippery characteristics are the factors which can distinctly be observed in our products. Texturized surfaces in **Azarakhsh** rustic **Bricks** and using them for flooring is a key factor which makes the use of them possible for all climatic conditions, even at frost conditions. Friction and non-slippery, especially for rustic **Bricks** group is due to their especial texture and design.

وجود اصطکاک و عدم لغزندگی عاملی است که در گروهی از آجر های آذرخش به وفور مشاهده می شود . سطوح بافت دار در آجر های رستیک آذرخش و قابلیت استفاده از آن در کف ، عاملی است که استفاده از آن را در هر گونه شرایط آب و هوایی حتی هنگام یخ زدگی میسر می سازد . عدم لغزندگی و اصطکاک در آجر های آذرخش خصوصا خانواده آجر رستیک بر اساس بافت و طراحی ویژه ی این گونه از آجر ها است .

SURFOOTED
GRIP



عدم لغزندگی در تمامی سطوح آجری

8.

ACID RESISTANT

No chance for alkalis,
fats, acids or oils.

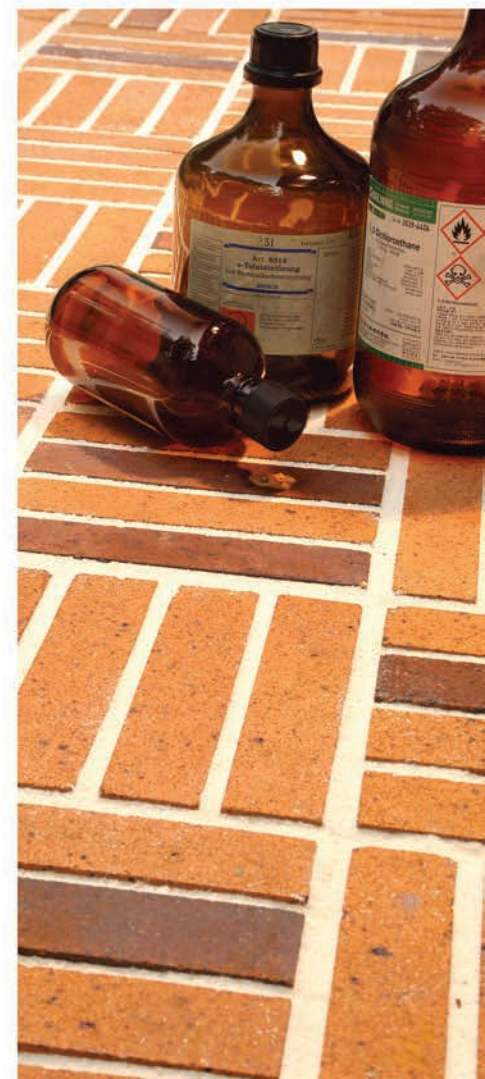
If you are among the people who are doubtful concerning selecting appropriate construction materials for hazardous environments or the environments which are being imposed to acidic substances, you have to be fully confident that **Azarakhsh Bricks** are among the safest materials in this regard. They are highly resistant to corrosive and acidic liquids and substances. In fact, acids and corrosives cannot penetrate the durable textures of the **Bricks** and the **Azarakhsh Bricks** will be the champion of such competition.

اگر شما از آن دسته افرادی هستید که برای انتخاب مصالح مناسب برای محیط های پر خطر و یا در معرض مواد اسیدی دچار مشکل هستید بدانید یکی از مطمئن ترین این مصالح آجر نسوز آذرخش می باشد . این محصولات مقاومت بسیار بالایی در تماس با مایعات و مواد خورنده و اسیدی دارند . اسید و مواد خورنده نمی تواند در بافت مقاوم محصولات آجری آذرخش نفوذ پیدا کند و در این جدال آجرهای آذرخش همیشه سربلند خواهند بود .

ACID
RESISTANT



مقاوم در برابر انواع اسید و باران های اسیدی



9. FROST PROOF

Resistance to any climatic conditions
(especially to repetitious frost)

Azarakhsh Bricks demonstrate a high durability against any and all climatic conditions, especially repetitious frost. In addition, they are highly endurable against rapid atmospheric changes (temperature difference between day and night). Having them will in fact bring more beauty for your environment.

آجر های آذرخش در برابر تمامی شرایط آب و هوایی و اقلیمی به خصوص یخبندان های شدید مکرر ،مقاومت بالایی از خود نشان می دهد این محصولات دوام و ماندگاری بسیاری را در برابر تغییرات ناگهانی جوی (اختلاف دمای شب و روز) از خود به نمایش می گذارند و زیبایی محیط زیست شما را چندین برابر خواهند کرد .

FROST PROOF



مقاوم در برابر هر نوع شرایط آب و هوایی
(به خصوص یخبندان های مکرر)



10. HARMONY WITH NATURE

Environmentally friendly concerning
non-application of environmental pollutants such as asbestos

Harmony with nature and co-habilitation with art and creation of excellent artistic works in the substrate of architecture is a worthy gift to environmentalists. Enjoying from fully natural and recyclable components, our products are absolutely environmentally -friendly. In other words, they are part of neat and beautiful nature. Our **Bricks**, as mentioned above, are constituted of formulation of natural components. Co-habilitation with nature (from the very onset of production until the end of recycling) is of the other exemplifying characteristics of our products.

هماهنگی با طبیعت و همزیستی با هنر و خلق آثار هنری متعالی در بستر معماری هدیه ارزشمند از گروه آذرخش به دوستداران طبیعت و این هنر فرا زمینی است . این محصولات به دلیل بهره مندی از مواد اولیه کاملاً طبیعی و بازگشت مجدد به طبیعت ، در هماهنگی کامل با محیط زیست بوده و یا به تعبیری خود بخشی از طبیعت زیبا و پاک تلقی می شوند . آجر های آذرخش از فرمولاسیون ترکیبات مواد طبیعی برخوردارند . همزیستی و همراهی با طبیعت از آغاز تا پایان یکی دیگر از ویژگی های برجسته ی این محصولات می باشند .

NATURE FRIEND



سازگار با محیط زیست به جهت عدم استفاده از مواد و آلاینده های زیست محیطی نظیر آزبست



ده ویژگی برتر آجرهای نسوز آذرخش در مقایسه با سایر مصالح ساختمانی

حس کمال گرایی انسان ، او را همواره به سوی انتخاب بهترین ها سوق می دهد که این امر ریشه در فطرت و سرشت او دارد . این حساسیت ، زمانی دو چندان می شود که موضوع در رابطه با زیبایی و آرامش محل زندگی و کار او باشد . فرآیند طراحی و تولید در آجرهای آذرخش به گونه ای است که ترکیبی از زیبایی و کارایی در آن مشاهده می شود که این امر از شناخت نیازها و سلیق مصرف کنندگان نشأت می گیرد . تنوع رنگ و بافت در آجر های آذرخش به نحوی است که انتخاب را برای طراحان و معماران آسان نموده است . ترکیب زیبایی و کارآمدی دست آوردی است که گروه آذرخش آن را به شما هدیه می دهد . از دیگر خصوصیات بارز این محصولات علاوه بر تنوع در شکل و رنگ می توان به مواردی چون مقاومت در برابر عوامل فرسایش زا و تحمل فشار بالا را برشمرد . این محصولات همچنین از مقاومت بالایی در برابر انواع اسید و باران های اسیدی برخوردارند . سازگاری با محیط زیست قابلیت استفاده در فضاهای داخلی و خارجی و عدم لغزندگی از ویژگی های برتر محصولات آذرخش می باشد .





120 - AP 226
140 - AP 214
260 - AP 32
230 - AP 86
230 - AST 115

10 PERSUASIVE ARGUMENTS

Human's sense of perfection always tends him towards selection of the best. Such tendency takes root from his nature. The sensitivity of selecting the best redoubles when it deals with aesthetics and serenity in work and home places. The procedures of design and production of **Azarakhsh Bricks** is laid behind the fact that it works on a combination of beauty and applicability. Such actions, in turn, take root from the identification of needs and the elegance of users as well. Diversity of color and texture in **Azarakhsh Bricks** has smoothed the path for architects and designers to use our **Bricks**. In fact, the combination of beauty and application is a gift which is bestowed by the **Azarakhsh** group to our users. Of the other considerable properties of our products, resistance to erosional factors and durability against high pressures can be exemplified in addition to diversity of color and form. Our products enjoy from high resistance against different kinds of acids and acid rains. Moreover, being environmentally- friendly, applicability for interior and exterior spaces of building and non-slippery characteristics are of the other properties of **Azarakhsh Bricks**.

1. OUTDOOR AND INDOOR

Applicability for interior and exterior spaces of building

Diversity in color and even in the sizes of bricks in addition to harmony with modern and antique arrangements is of the other characteristics of **Azarakhsh bricks**. Such characteristics will provide the possibility of using them for inner and exterior spaces. Beauty and durability are the essence of our products. Therefore, we advise you to discover beauty and enjoy it.

وجود تنوع در طرح رنگ و حتی اندازه و همچنین هماهنگی با انواع چیدمان های مدرن و سنتی یکی دیگر از خصوصیات بارز آجر آذرخش می باشد که امکان استفاده در فضا های داخلی و خارجی را فراهم می سازد . زیبایی و سازگاری با انواع چیدمان ها در ذات محصولات ماست . پس زیبایی را کشف کنید و از آن لذت ببرید .



قابلیت استفاده در فضای داخلی و خارجی ساختمان



2. FIXED COLOR

Fading-resistant against sunlight (fixed color)

Fading is a factor which may roughly threaten all objects, especially construction materials. It can be said that all objects become pale under direct sunlight. However, thanks to their natural color-making elements during the process of production, our **Bricks** have high constancy and durability of color. In other words, you will observe a **Brick** work that not only has lost its color (become pale), but also you will observe the very color quality you observed at the very beginning of using our **Bricks**.

رنگ پریدگی عاملی است که تقریباً همه اشیاء و مخصوصاً مصالح ساختمانی را تهدید می کند، تقریباً همه اشیاء زیر نور مستقیم خورشید رنگ می بازند، ولی به دلیل انتخاب عناصر رنگ ساز طبیعی در فرایند تولید آجر آذرخش این آجر ها ماندگاری و ثبات رنگ بسیار خواهند داشت و شما پس از گذشت زمان اثری با کیفیت رنگی همان روزهای نخست خواهید داشت .



عدم رنگ پریدگی در برابر اشعه های نور خورشید (رنگ ثابت)



3. RAINBOW OF COLOR

Only genuine colors stay beautiful
for so long

The rainbow of colors, shadowing the earth and a scenic diversity of combination of colors which originate from the nature is manifested in **Azarakhsh Bricks**. A complete series of color and form in **Bricks**- based on your elegance- has played a considerable role in promotion of the art of this country which it's result may be observed graciously.

رنگین کمان رنگ ها برگستره زمین و تنوعی چشم نواز از ترکیب رنگ های زیبا برگرفته از طبیعت ارمغانی است که آجر های آذرخش آن را به شما عرضه می دارد . مجموعه ی کاملی از رنگ و فرم ، بر اساس اندیشه و سلیقه ی شما ، که می توان نتیجه دلنشین و کارآمد آن را نظاره گر شد و نقشی ماندگار ، در ارتقای هنر این مرز و بوم ایفا کرد .

COLOR
VARIETY



تنوع در طرح و ترکیبات فوق العاده رنگی
(سنتی - آنتیک - مدرن)

4. RESILIENT FOR HEAVY LOADS

Having high compressional strength

Tolerating high compressions which is resulted from specific formulation, during production and baking of **Azarakhsh Bricks** provides a wondrous image of the **Bricks** endurance under the highest compressional pressures. It shall be mentioned that some of our products have also endured compressional pressures up to 900 Kg/ Cm2. Such characteristics guarantee high durability of our bricks during the elapse of time with high qualities.

تحمل فشار بالا که حاصل از فرمولاسیون خاص در روند تولید و پخت آجر های آذرخش می باشد تصویری شگرف از توانایی این آجر ها در تحمل بالاترین فشار های ممکن به نمایش می گذارد . تحمل فشار بالا حتی فراتر از ۹۰۰ کیلوگرم بر سانتیمتر مربع در برخی از این محصولات مشاهده می شود . این تصویر بیان گر ماندگاری این محصولات در طول زمان های متمادی و اطمینان از دوام و ماندگاری این محصول می باشد .

HIGLY
RESILIENT



مقاومت فشاری بالا

5. FIRE-SEALED

Thermally insulated and refractory

High temperature resistance and working as a refractory is a key factor which motivates you for selecting our **Bricks**. In fact, you will never be regretted for your selection. These **Bricks** can effectively be utilized under high temperature conditions and they will undergo no changes due to their incombustibility characteristics under circumstances such as being directly imposed to naked fire or very high temperatures. They can even withstand under harsh conditions, i.e. being imposed to naked fire or the temperature of up to 1200 C°. In other words, our **Bricks** will put no room of doubts for your selection.

عایق حرارت و نسوز بودن آجر نمای آذرخش عاملی است که باعث می شوند شما هرگز در انتخاب این محصول دچار تردید نشوید و با اطمینان از ضد حریق بودن این محصول آن را در مناطقی که ارتباطی حتی مستقیم با حرارت شدید و آتش دارند برگزینید . بالاترین مقاومت در برابر آتش و شرایط سخت حرارتی حتی تادمای ۱۲۰۰ سانتیگراد به این معناست که شما محصولی مرغوب را با ضمانت کیفیت از طرف گروه آذرخش برگزیده اید .

FIRE
SEALED



عایق حرارتی و نسوز تا ۱۲۰۰ درجه سانتیگراد



AT AZARAKHSH

WE PROVIDE THE BEST

T: (98) 21 2721 / W: WWW.AZARAKHSH.IR

QUALITY

HONESTY

ACE VALUE

EXCELENT DESIGNS

GREAT CUSTOMER CARE

20th
Anniversary



We Change Your Mind

17

Azarakhsh International Refractory Brick

CREATIVE SPACE WE WORK HERE



260 - AP 32
260 - AP 33
260 - AP 34

A Brick-made building is a part of nature. Harmony not only disturbs it but also grants its scenic color and form. This type of building is always preferred and advances though passage of time. A Brick-made building like a hand-made carpet is a combination of endless elegances of artist architects.

DETAILS

PAGE

132



260 - AP 32
260 - AP 33
260 - AP 34

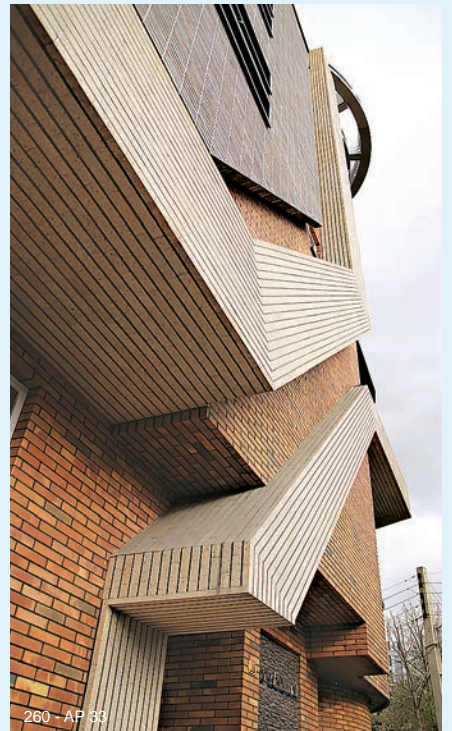
IMPERATOR

امپراتور

IMPERATOR, The Famous Namie in Azarakhsh American Brick



260 - AP 32



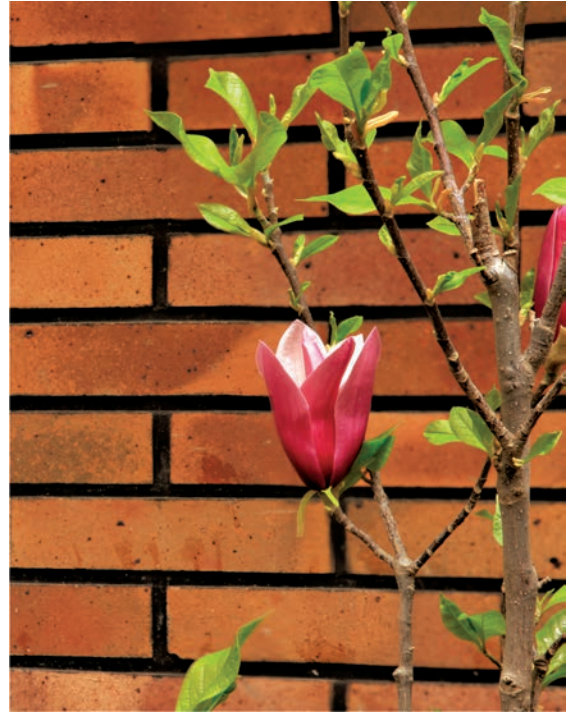
260 - AP 33

The secret of **Brick** ability for creating the most fantastic buildings of history is due to its proportionality. A **Brick**-made building is a part of nature. This building not only disturbs its congruency with nature but also provides a scenic color and form. Therefore, it has been always preferred by people. Like a hand-made carpet, it is the endless elegances of architects. The other property which brings exclusivity for **Brick** is its different sizes (dimension). These sizes have been evolved during time and coordinated with the human's body structure and ability. Its size makes it to be matched together easily. This property provides countless engineering properties in the location of two walls contact. **Bricks** are fixed to each other through mortar and provide a uniform surface. Due to their proper sizes, these materials have been used to create arc and dome since the era of Sassanid dynasty in Iran.



Brick Name ▶ Refractory Brick No 260
 Design Name ▶ American Design
 Dimenations ▶ 260*55*27
 N/m ▶ 60

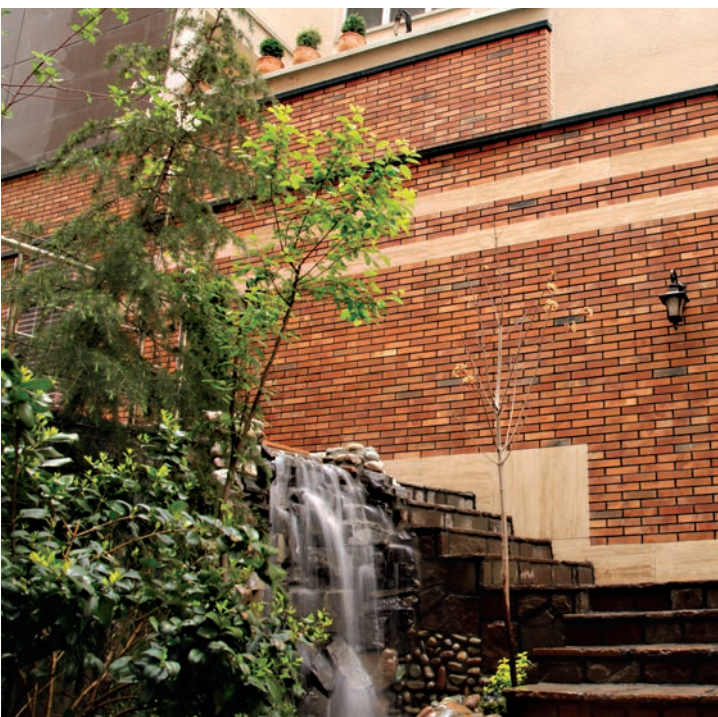
نام آجر ▶ آجر نسوز پلاک ۲۶۰
 نام طرح ▶ نما آمریکایی
 ابعاد ▶ ۲۶۰*۵۵*۲۷
 تعداد در هر متر مربع ▶ ۶۰ قالب



Exclusive Properties of **Azarakhsh Refractory Bricks** One of the most important properties of **Azarakhsh Refractory Bricks** is their thermal masses. In fact, due to their high densities, they preserve heat and free such heat gradually. In other words, houses constructed with these **Bricks** become cool in summer and warm in winter since it does not let the energy be lost. Of the other properties of our **Bricks**, diversity of color may be exemplified. This color originates from color-making elements in mineral compounds. In addition, high temperature baking manifests the vast colors after production of refractory **Bricks**. These **Bricks** will then be constant from the view point of color against sunlight.

DETAILS
 PAGE
 132

A façade constructed with **Azarakhsh** bricks creates delicateness and beauty of apparent display of building and its appropriate perspective for building. **Azarakhsh** refractory bricks play the role of a heat and cold-proof medium which prevent loss of energy produced by heating and cooling systems. They also remove or reflect heat in summer based on their color, type and area. This action applies for winter as they attract sunlight and consequently heat of the sun.



AZARAKHSH

Refractory Brick

www.Azarakhsh.ir

The Biggest Manufacturer Of Fire-Proof Productions & Brick Face in Middle East



Azarakhsh International Refractory Brick Manufacturer Group

A façade constructed with **Azarakhsh** bricks creates delicateness and beauty of apparent display of building and its appropriate perspective for building. **Azarakhsh** refractory bricks play the role of a heat and cold-proof medium which prevent loss of energy produced by heating and cooling systems. They also remove or reflect heat in summer based on the color, type and area. This action applies for winter as they attract sunlight and consequently heat of the sun.



330 - AP 37
260 - AP 33
280 - AR 20
100 - AR 102

آجر در نماهای ساختمان، نماد پویایی و تعالی شکل و فرم در طراحی بناهای شهری است

Brick passes the path of ascendancy (excellence) of form in a series like manner and with a harmony of order and beauty. This foundation can only be originated from the thoughts of people of Oriental. Poetry-orientation of the building until the excellence of form and color in the substrate of persistence in ages, it is the **Brick** which stands and manifest the art. How beautiful gentry and persistence are thought, this creatable melody in the façade of building.

Creation of diverse geometrical forms and particular designs in architecture is possible by benefiting from **Azarakhsh** façade **Bricks**. Due to diverse dimensions and size of these **Bricks** as well as their high abilities for arrangement, using these materials provides you with creative methods for façade architecture.

که فرای فرم های معمول و یکنواخت، ذهن هنرمند و روح خلاق خود را برای زیبنده نمودن شهر به کار برده و آثاری متفاوت خلق نمایند. بهره مندی از این مصالح به دلیل ابعاد و اندازه های متنوع و قابلیت چیدمان بالا، نماهای متفاوت و بدیعی را میهمان دیدگان شما خواهد نمود.

تکرار منظم و سلسله وار آجر در نماهای ماندگار ساختمان، نماد پویایی و تعالی شکل و فرم در طراحی بناهای شهری است. آجر است که گواهی می دهد بر اصالت، هنر و قوام تمدن ایرانی در هنر معماری مدرن این روزگار. تنوع و توالی رنگ در این عنصر ساختمان راه بروز خلاقیت را برای طراحان و معماران هموار نموده و همچون ردایی فاخر بر قامت بنا، اصالت خود را به رخ می کشد. آجر نمای آذرخش با توجه به قابلیت ایجاد فرم های متنوع هندسی و طراحی اشکال خاص این امکان را برای اهالی هنر معماری فراهم ساخته است





Ecology

Thanks to renewable energy sources, such as solar and biomass, the e4 brick house is climate – friendly and the clear winner in the co2 rankings.



Energy

The energy efficient house made from brick optimizes the supply and utilization of energy through the use of renewable energy sources and minimal thermal losses.

Creating-Of: Different Shapes



Azarakhsh brick façade gives beauty and delight to the appearance and ultimately is a suitable view for our building. Azarakhsh façade firebrick plays the role of heat and cold isolation that prevents waste of energy produced by heat and cold systems. Depending on the material color, and exposure surface it reflects the sun heat on summers and vice versa in winter.

06

330- AP 38



01



02

330 - AP 38

All Bricks are composed of naturally- occurring materials and they all have organic compounds. Presence of these compounds in Bricks result inefflorescence and reduces the beauty of façade. This phenomenon is more tangible in clayey Bricks. The organic compounds of the produced Brick are totally ruined in temperature of above 1100 C°. As a result, when these compounds are ruined, no efflorescence occurs. For this reason, results of efflorescence tests are veryslight due to above mentioned issue.



03

330 - AP 38



04

100 - AR 102



05



100 - AR 102

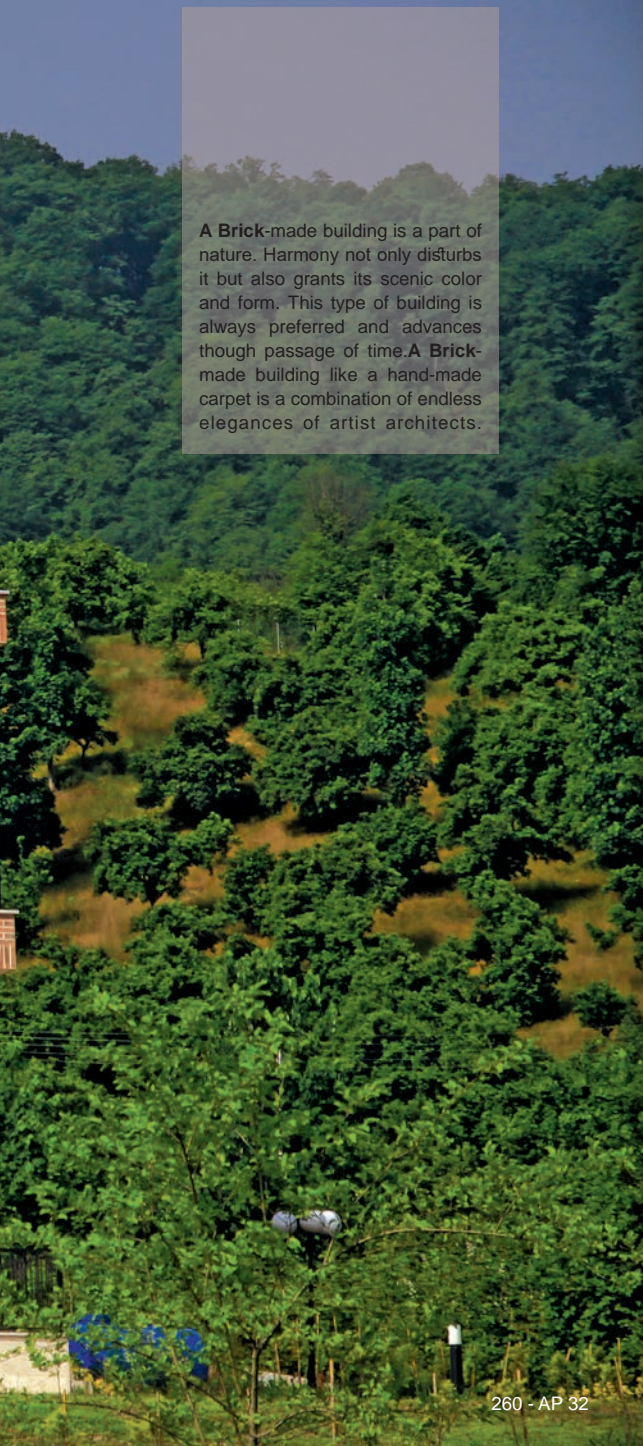


330 - AP 41
330 - AP 44

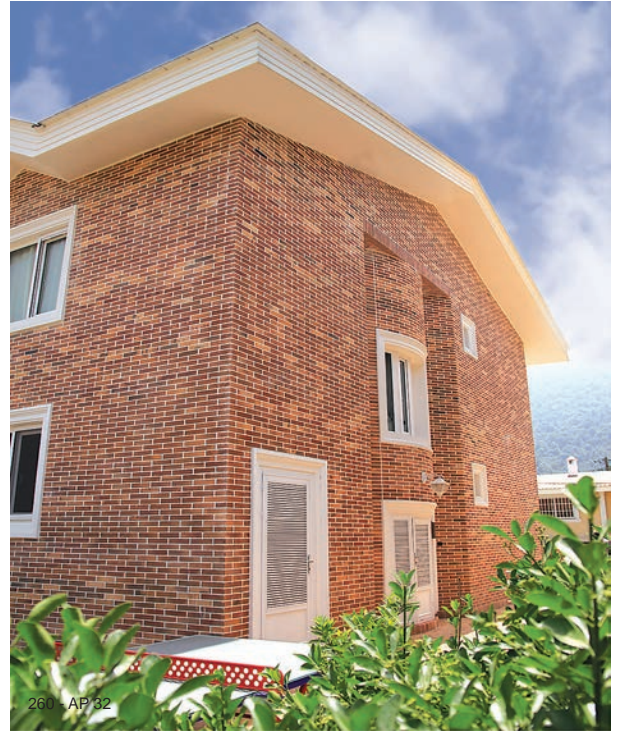
Azarakhsh brick façade gives beauty and delight to the appearance and ultimately is a suitable view for our building. Azarakhsh façade firebrick plays the role of heat and cold isolation that prevents waste of energy produced by heat and cold systems. Depending on the material color, and exposure surface it reflex the sun heat on summers and vice versa in winter.



A Brick-made building is a part of nature. Harmony not only disturbs it but also grants its scenic color and form. This type of building is always preferred and advances though passage of time. A Brick-made building like a hand-made carpet is a combination of endless elegances of artist architects.



260 - AP 32



260 - AP 32



260 - AP 32



100 - AP 154



260 - AP 32



260 - AP 32





260 - AP 32

Exclusive Properties of **Azarakhsh Refractory Bricks** One of the most important properties of **Azarakhsh Refractory Bricks** is their thermal masses. In fact, due to their high densities, they preserve heat and free such heat gradually. In other words, houses constructed with these **Bricks** become cool in summer and warm in winter since it does not let the energy be lost. Of the other properties of our **Bricks**, diversity of color may be exemplified. This color originates from color-making elements in mineral compounds. In addition, high temperature baking manifests the vast colors after production of refractory **Bricks**. These **Bricks** will then be constant from the view point of color against sunlight.



260 - AP 29



260 - AP 32



260 - AP 32



260 - AP 32



All **Bricks** are composed of naturally occurring materials and they all have organic compounds. Presence of these compounds in **Bricks** result in efflorescence and reduces the beauty of façade. This phenomenon is more tangible in clayey **Bricks**. The organic compounds of the produced **Brick** are totally ruined in temperature of above 1100 C°. As a result, when these compounds are ruined, no For this reason, results of efflorescence tests are very slight due to above mentioned issue.



Azarakhsh **Brick** façade gives beauty and delight to the appearance and ultimately is a suitable view for our building. Azarakhsh façade fire**Brick** plays the role of heat and cold isolation that prevents waste of energy produced by heat and cold systems. Depending on the material color, and exposure surface it reflex the sun heat on summers and vice versa in winter.

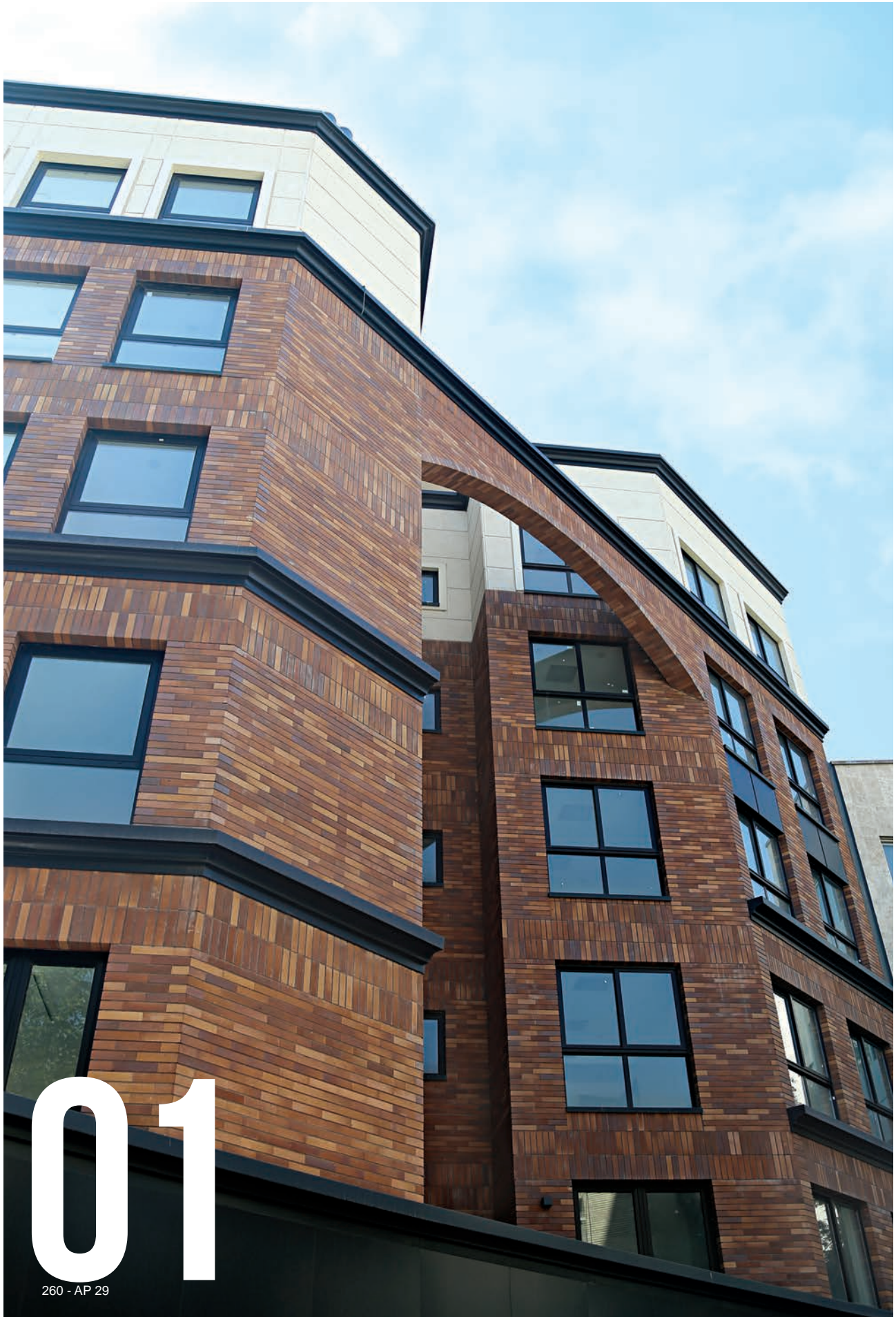




One of the most important properties of **Azarakhsh** refractory bricks is their thermal masses. In fact, due to their high densities, they preserve heat and free such heat gradually. In other words, houses constructed with these bricks become cool in summer and warm in winter since it does not let the energy be lost.

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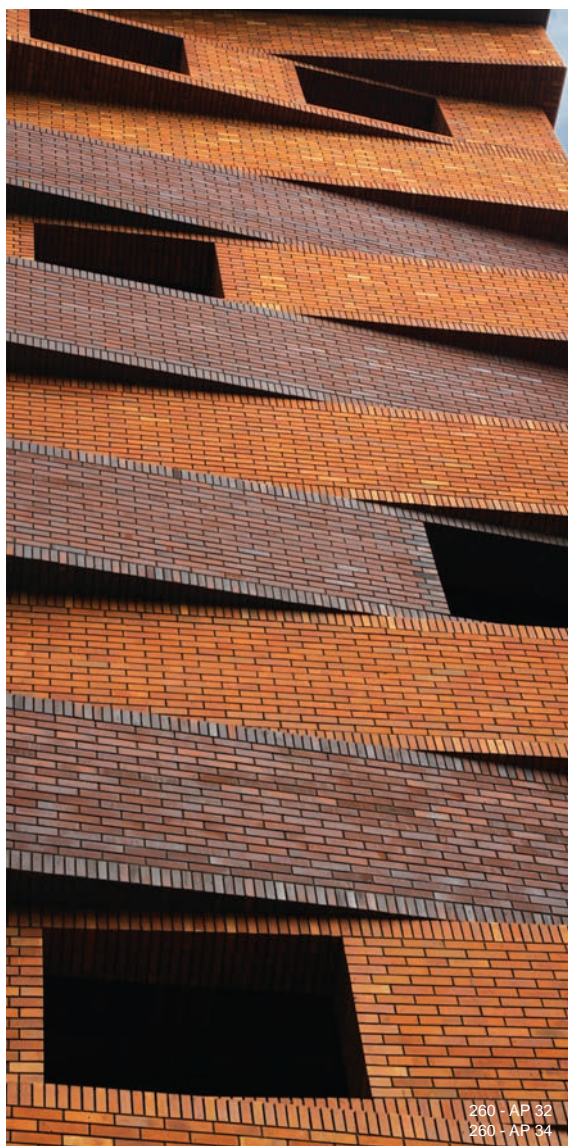




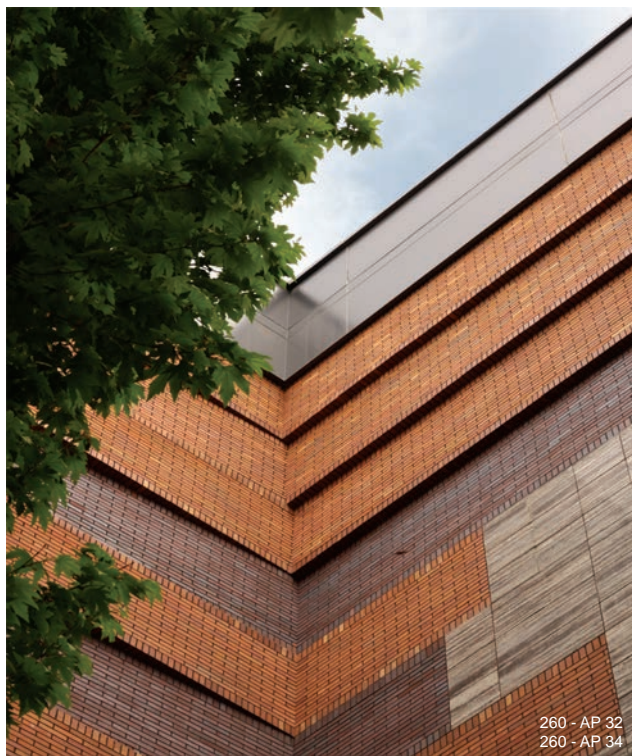
01

260 - AP 29

The Biggest Manufacturer Of Fire-Proof Productions & Brick Face in Middle East



260 - AP 32
 260 - AP 34



260 - AP 32
 260 - AP 34



260 - AP 32
 260 - AP 34

Azarakhsh International Refractory Brick Manufacturer Group



Azarakhsh brick façade gives beauty and delight to the appearance and ultimately is a suitable view for our building. Azarakhsh façade firebrick plays the role of heat and cold isolation that prevents waste of energy produced by heat and cold systems. Depending on the material color, and exposure surface it reflex the sun heat on summers and vice versa in winter.

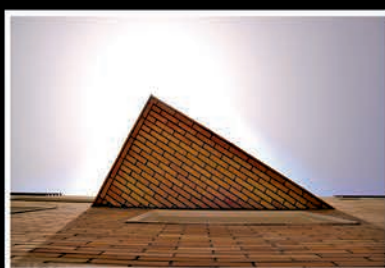
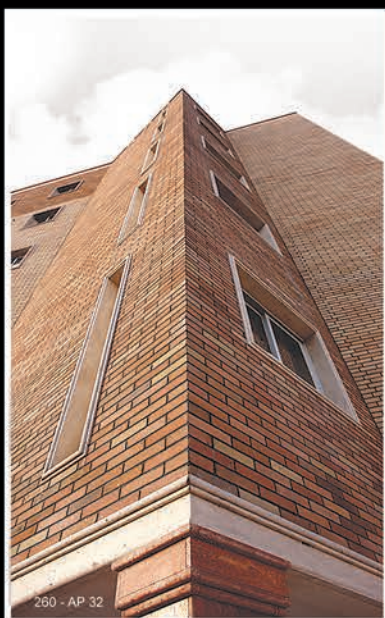


AZARAKHSH

Refractory Brick

www.Azarakhsh.ir

The Biggest Manufacturer Of Fire-Proof Productions & Brick Face in Middle East





Brick Name ▶ Refractory Brick No 260
 Design Name ▶ American Design
 Dimenations ▶ 260×55×27
 N/m² ▶ 60

نام آجر ▶ آجر نسوز پلاک ۲۶۰
 نام طرح ▶ نما انگلیسی رندوم
 ابعاد ▶ ۲۶۰×۵۵×۲۷
 تعداد در هر متر مربع ▶ ۶۰ قالب



All **Bricks** are composed of naturally occurring materials and they all have organic compounds. Presence of these compounds in result in efflorescence and reduces the beauty of façade. This phenomenon is more tangible in clayey **Bricks**. The organic compounds of the produced **Brick** are totally ruined in temperature of above 1100 C°. As a result, when these compounds are ruined, no For this reason, results of efflorescence tests are very slight due to above mentioned issue.



PRECIOUS BRICKS FOR THE FACADE

The Biggest Manufacturer Of Fire-Proof Productions & Brick Face in Middle East

► A member of Brick Industry Association of U.S.A



Brick Name ►	Refractory Brick No 260
Design Name ►	Yellow Design
Dimenations ►	260 × 55 × 27
N/m ² ►	60

آجر نسوز پلاک ۲۶۰	نام آجر ►
نما زرد شاموتی	نام طرح ►
۲۶۰ × ۵۵ × ۲۷	ابعاد ►
۶۰ قالب	تعداد در هر متر مربع ►

Exclusive Properties of Azarakhsh Refractory Bricks One of the most important properties of **Azarakhsh Refractory Bricks** is their thermal masses. In fact, due to their high densities, they preserve heat and free such heat gradually. In other words, houses constructed with these **Bricks** become cool in summer and warm in winter since it does not let the energy be lost. Of the other properties of our **Bricks**, diversity of color may be exemplified. This color originates from color-making elements in mineral compounds. In addition, high temperature baking manifests the vast colors after production of refractory **Bricks**. These **Bricks** will then be constant from the view point of color against sunlight.

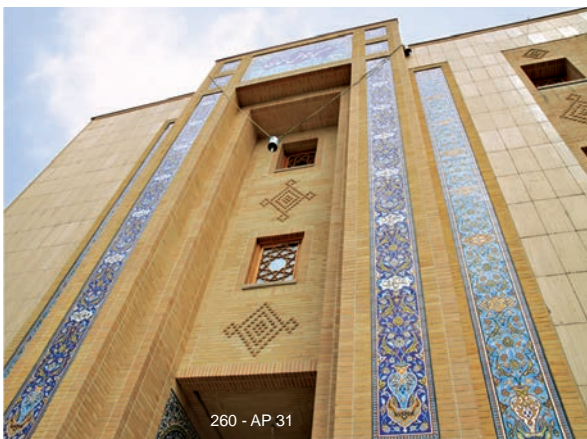
Azarakhsh International Refractory Brick Manufacturer Group



A Brick-made building is a part of nature. Harmony not only disturbs it but also grants its scenic color and form. This type of building is always preferred and advances though passage of time. A Brick-made building like a hand-made carpet is a combination of endless elegances of artist architects.



260 - AP 31



260 - AP 31



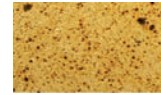
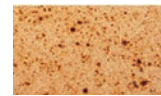
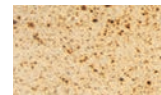
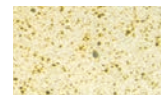
260 - AP 31

نام آجر ▶ آجر نسوز پلاک ۲۶۰
نام طرح ▶ نما زرد شاموتی
ابعاد ▶ ۲۶۰ × ۵۵ × ۲۷
تعداد در هر متر مربع ▶ ۶۰ قالب

Brick Name ▶ Refractory Brick No 260
Design Name ▶ Yellow Design
Dimenations ▶ 260 × 55 × 27
N/m² ▶ 60



260 - AP 27



DETAILS
PAGE
132



260 - AP 31

All **Bricks** are composed of naturally occurring materials and they all have organic compounds. Presence of these compounds in **Bricks** result in efflorescence and reduces the beauty of façade. This phenomenon is more tangible in clayey **Bricks**. The organic compounds of the produced **Brick** are totally ruined in temperature of above 1100 C°. As a result, when these compounds are ruined, no. For this reason, results of efflorescence tests are very slight due to above mentioned issue.





Scenic and religious places are designed for calmness of human' spirit and expression of the link between creator and creature. Architecture is also dependent to such expression for these buildings and is reminiscent of indescribable calmness of human's spirit. **Brick** is the most important element for this type of architecture. The special characteristics of **Brick** are that they do have harmony, affinity and integrity with the human's soul since it takes it's energy from soil, i.e. life. Imaging religious and divine places without **Brick**-use architecture and its especial design has always been meaningless in history. In fact, it is the **Brick** which keeps it's affinity with the origin of calmness and reflects the sense in full temperament with environment.

Brick Name ▶ Refractory Brick No 260
Design Name ▶ Yellow Design
Dimenations ▶ 260 × 55 × 27
N/m² ▶ 60

نام آجر ▶ آجر نسوز پلاک ۲۶۰
نام طرح ▶ نما زرد شاموتی
ابعاد ▶ ۲۶۰ × ۵۵ × ۲۷
تعداد در هر متر مربع ▶ ۶۰ قالب



اماکن دیدنی و مذهبی مکانی برای آرامش روح بشر و تجلی پیوند خالق و مخلوق است . معماری در این بنا ها نیز وابسته و پیرو همین تجلی و تداعی کننده ی آرامش وصف ناشدنی روح بشر است . آجر اصلی ترین عنصر در این نوع معماری است . خصوصیت ویژه ی آجر ، هم جنس بودن با روح و جان بشر است و انرژی وصف ناشدنی آن که منشا در حیاط و خاک دارد. تصور اماکن مذهبی و ربانی بدون معماری با آجر و طراحی ویژه ی آن در طول تاریخ بی معنا بوده ، در واقع این آجر است که نزدیکی خود را با منشا آرامش حفظ کرده و در تناسبی کامل با محیط احساس را باز می تاباند .



260 - AP 31



This Kind Of This type of architecture which is similar to rock climbing cliffs is an extraordinary and attractive design which has been created by **Azarakhsh Refractory Bricks**.

این نوع معماری که شبیه به طرح های صخره نوردی است یک طرح غیر معمول و جذاب است که توسط آجر های نسوز آذرخش اجرا شده است .





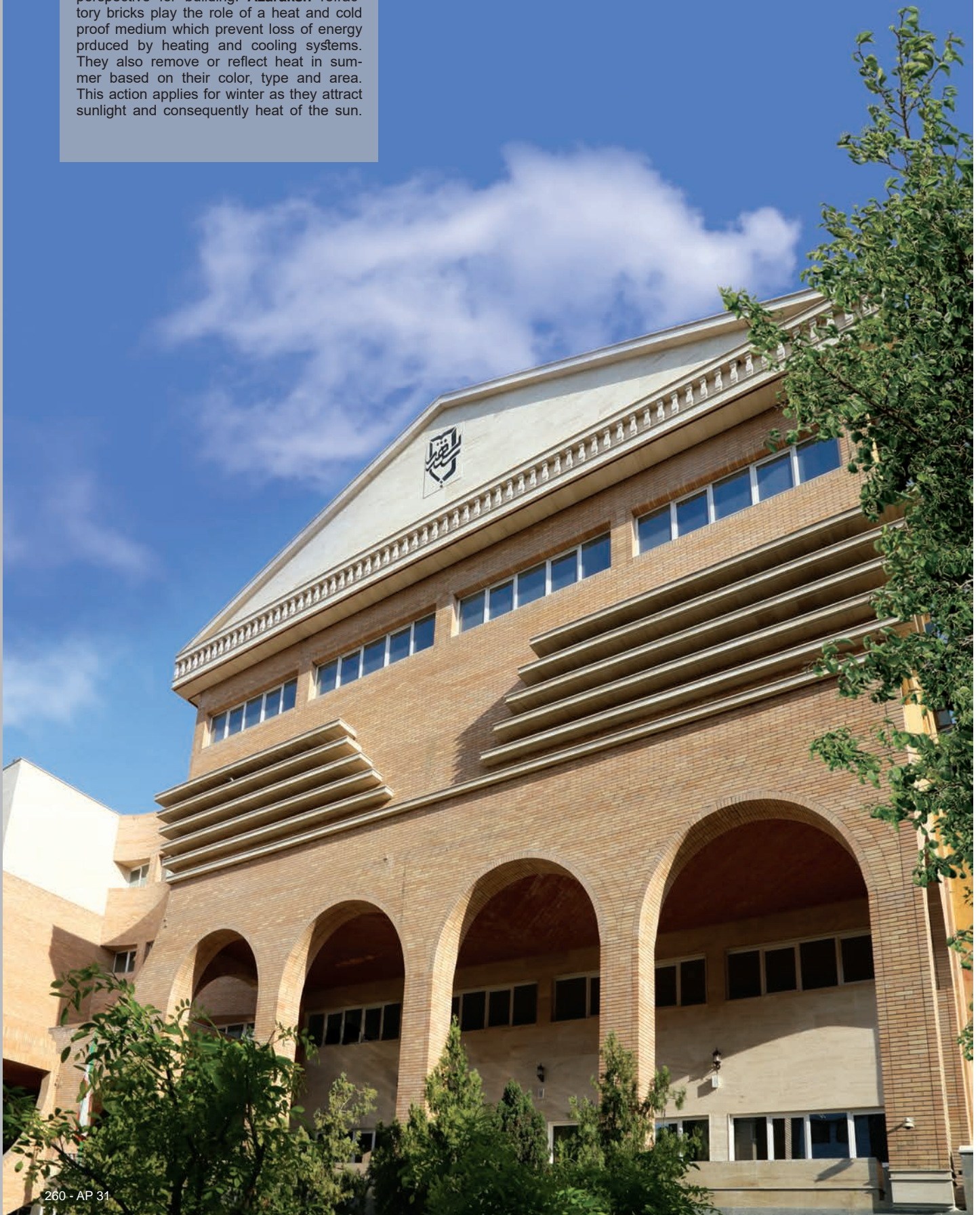
260 - AP 42



The secret of **Brick** ability for creating the most fantastic buildings of history is due to its proportionality. A **Brick**-made building is a part of nature. This building not only disturbs its congruency with nature but also provides a scenic color and form. Therefore, it has been always preferred by people. Like a hand-made carpet, it is the endless elegances of architects. The other property which brings exclusivity for **Brick** is its different sizes (dimension). These sizes have been evolved during time and coordinated with the human's body structure and ability. Its size makes it to be matched together easily. This property provides countless engineering properties in the location of two walls contact. **Bricks** are fixed to each other through mortar and provide a uniform surface. Due to their proper sizes, these materials have been used to create arc and dome since the era of Sassanid dynasty in Iran.



A façade constructed with **Azaraksh bricks** creates delicateness and beauty of apparent display of building and its appropriate perspective for building. **Azaraksh** refractory bricks play the role of a heat and cold proof medium which prevent loss of energy produced by heating and cooling systems. They also remove or reflect heat in summer based on their color, type and area. This action applies for winter as they attract sunlight and consequently heat of the sun.





Azarakhsh Refractory Bricks in Diversity of design and extraordinary colored

The rainbow of colors shadowing the earth and a scenic diversity of combination of colors which originate from the nature is manifested in **Azarakhsh bricks**. A complete series of color and form in bricks-based on your elegance- has played a considerable role in promotion of the art of this country which its result may be observed graciously.

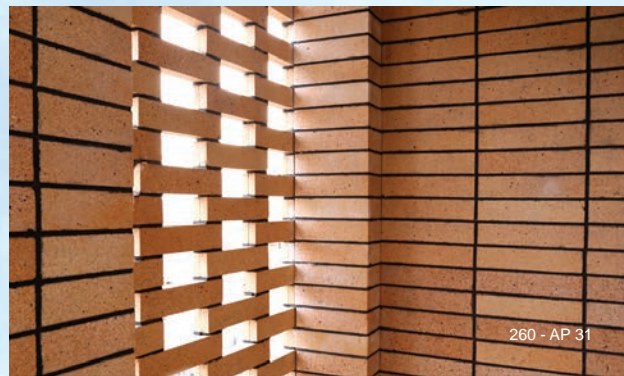


AZARAKHSH

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به دلیل جغرافیای خورشیدی ایران و ماهیت کویری اکثر نقاط کشور ، آجر آذرخش پوششی همسو با اقلیم ایران است که علاوه بر زیبایی ، از لحاظ فنی نیز با تنوع آب و هوایی ایران سازگار می باشد . این محصول عایق بسیار مناسبی در برابر گرما و سرما است و به دلیل ساختار طبیعی مقاومت بسیار بالایی در مقابل عوامل جوی از خود نشان می دهد . زیبایی و هم سویی با طبیعت و ماندگاری بالا ، نام آجر را در ذهن تداعی می کند .

Due to geographic position of Iran and the desert nature of many of its places, **Azarakhsh Bricks** are technically compatible with Iran's climate. In addition to beauty, they are also compatible with Iran's climate technically. This product is a very appropriate heat and cold-proofed. Moreover, it has a great strength against atmospheric factors due to its natural structure. Beauty and congruency with nature as well as long immanency associates the name of **Brick** in mind.

DETAILS

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A Brick-made building is a part of nature. Harmony not only disturbs it but also grants its scenic color and form. This type of building is always preferred and advances though passage of time. A Brick-made building like a hand-made carpet is a combination of endless elegances of artist architects.

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Azarakhsh International Refractory Brick Manufacturer Group

DETAILS

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Azarakhsh International
Façade Refractory Bricks
Manufactories (Group) is ready to
fulfill the dreams you're thinking
about by virtue of its equipment,
specialist staffs and benefiting
from all facilities and state of the art
technologies whenever you desire.





330 - AP 40



All **Bricks** are composed of naturally- occurring materials and they all have organic compounds. Presence of these compounds in **Bricks** result in efflorescence and reduces the beauty of façade. This phenomenon is more tangible in clayey **Bricks**. The organic compounds of the produced **Brick** are totally ruined in temperature of above 1100 C°. As a result, when these compounds are ruined, no efflorescence occurs. For this reason, results of efflorescence tests are very slight due to above mentioned issue.



260 - AP 31



330 - AP 40

Brick Name ►
Design Name ►
Dimenations ►
N/m² ►

Refractory Brick No 330
Yellow Design
330 × 70 × 27
38

آجر نسوز پلاک ۳۳۰
نما زرد شاموتی
۳۳۰ × ۷۰ × ۲۷
۳۸ قالب

نام آجر ►
نام طرح ►
ابعاد ►
تعداد در هر متر مربع ►





PRINCE پرنس

PRINCE, The Famous Name in Azarakhsh Brick



PRINCE -1

گرایش بشر به اصل خویشتن و توجه ذاتی وی به مصنوعاتى برخواسته از قلب طبیعت، آجر را از اعصار دور تا به امروز به رکنى جدایی ناپذیر از تاریخ معماری جهان تبدیل نموده که در گذر زمان اصالت خود را از دست نداده است.



PRINCE -2

راز ماندگاری این مکعب جادویی در پس خواستگاه طبیعی آن، تنوع بالا و طیف رنگی گسترده آن نهفته است. این عنصر شرقی به واقع گلی از گلستان هنر ایرانی است که زینت معماری مدرن این روزگار گردیده است.



PRINCE -3

القای احساس قدرت، انرژی، گرمی و نشاط از دیگر ویژگی های منحصر به فرد آجر است که با نشستن بر جلوه اپنیه، روح زندگی و حیات را در کالبد شهر زنده می کند.



PRECIOUS Bricks FOR THE FACADE

The Biggest Manufacturer Of Fire-Proof Productions & Brick Face in Middle East

► A member of Brick Industry Association of U.S.A



260 - AP 29

High abilities of **Azarakhsh Bricks** to create diverse and Genuine forms yields to fruitfulness of Creative thoughts of architects and façade Designers. In fact, these **Bricks** can be Classified as creative and renovating materials Which have created creative masterpieces in Designs and architectures of all times. Therefore, **Brick** had always been paid attention by the Prominent architects of East and West.

توانایی بالای آجر آذرخش در ایجاد فرم های متنوع و اصيل می تواند باعث به ثمر نشستن اندیشه های خلاقانه ی معماران و طراحان نما در ساختمان شود. در واقع آجر را می توان در زمره ی مصالح خلاق و نوآور نیز دسته بندی کرد که در تمام اعصار و از بدو پیدایش ، پدید آورنده ی شاهکار های خلاقانه در طراحی و معماری بوده است. از این رو این محصول پیوسته مورد توجه معماران برجسته در شرق و غرب قرار گرفته است. شاهکار های هنری ، هنوز امکان بروز و پیوند خوردن به تاریخ را دارند. آجر به ذات هنر است و ابزار دست هنرمند معمار.



Get a Perfect view

The Biggest Manufacturer Of Fire-Proof Productions & Brick Face in Middle East

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Azarakhsh **Brick** façade gives beauty and delight to the appearance and ultimately is a suitable view for our building. Azarakhsh façade **fireBrick** plays the role of heat and cold isolation that prevents waste of energy produced by heat and cold systems. Depending on the material color, and exposure surface it reflex the sun heat on summers and vice versa in winter.

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Azarakhsh International Refractory Brick Manufacturer Group

DETAILS

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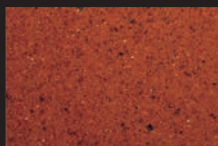
132



Azarakhsh International Façade Refractory **Bricks** Manufactories (Group) is ready to fulfill the dreams you're thinking about by virtue of its equipment, specialist staffs and benefiting from all facilities and state of the art technologies whenever you desire.



A Brick-made building is a part of nature. Harmony not only disturbs it but also grants its scenic color and form. This type of building is always preferred and advances though passage of time. A Brick-made building like a hand-made carpet is a combination of endless elegances of artist architects.





JOSHUA

جاشوا

JOSHUA, The Famous Namie in Azarakhsh British Brick



Our **Bricks** provide the architects with high varieties of colors and forms and diverse and creative types of arrangements.

آجر های آذرخش به دلیل تنوع بالا در رنگ و شکل ، امکان چیدمانهای متنوع و خلاقانه ای را در اجرای نما به طراحان و معماران می دهد . ایجاد بافتی متنوع و هم سو با هر نوع سبک و طراحی ، از بارزترین خصوصیات آجر های آذرخش می باشد .

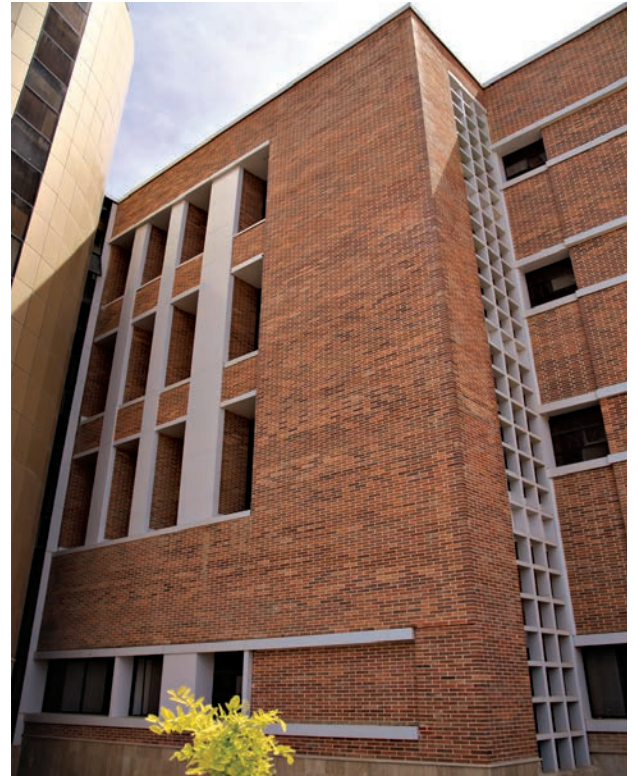




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Brick Name ▶	Refractory Brick No 260	آجر نسوز پلاک ۲۶۰	نام آجر ▶
Design Name ▶	British Design	نما انگلیسی	نام طرح ▶
Dimenations ▶	260 × 55 × 27	۲۶۰ × ۵۵ × ۲۷	ابعاد ▶
N/m ² ▶	60	۶۰ قالب	تعداد در هر متر مربع ▶



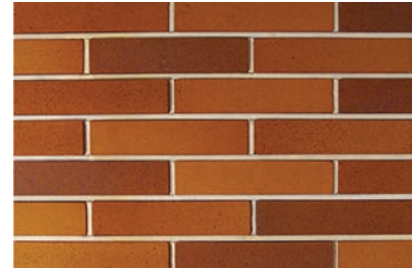
Exclusive Properties of **Azarakhsh Refractory Bricks**, One of the most important properties of **Azaraksh refractory bricks** is their thermal masses. In fact, due to their high densities, they preserve heat and free such heat gradually. In other words, houses constructed with these **bricks** become cool in summer and warm in winter since it does not let the energy be lost. Of the other properties of our **bricks**, diversity of color may be exemplified. This color originates from color-making elements in mineral compounds. In addition, high temperature baking manifests the vast colors after production of refractory **bricks**. These bricks will then be constant from the view point of color against sunlight.





260 - AP 29

یکی از عوامل موثر و تاثیرگذار در خلق نماهای زیبا ایجاد کنتراست های متفاوت رنگی در میان بندهای موجود در آجرها می باشد ، استفاده از رنگ های ناهمگون ، مکمل و یا متضاد باعث به وجود آوردن نماهایی جذاب خواهد شد . انتخاب رنگ های روشن برای بند هایی که در میان آجرهایی با تونالیت های تیره خواهند گرفت ، تفاوت رنگی میان آجرها را محسوس می سازد و بالعکس انتخاب رنگ های تیره تفاوت ها را به حداقل می رساند .



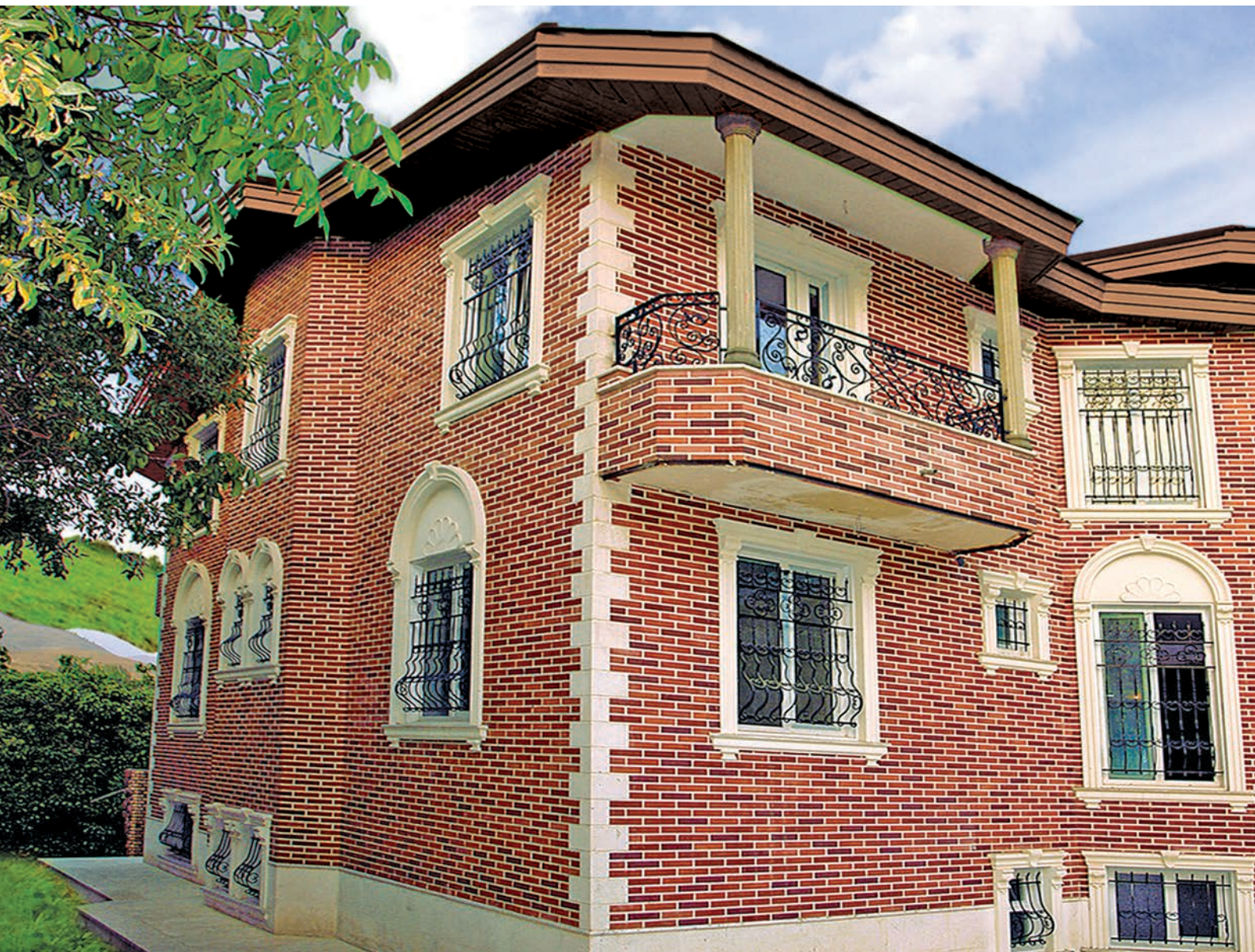
Brick Name ▶ Refractory Brick No 260
Design Name ▶ British Design
Dimenations ▶ 260×55×27
N/m² ▶ 60

نام آجر ▶ نام طرح ▶ ابعاد ▶ تعداد در هر متر مربع ▶
آجر نسوز پلاک ۲۶۰ ▶
نما انگلیسی ▶
۲۶۰×۵۵×۲۷ ▶
۶۰ قالب ▶

One of the effective factors for creating beautiful facades is contrasting different colors among articulations. Using dissimilar, complimenting or inharmonious colors creates attractive facades. Selecting light colors for articulation between **Bricks** with dark tonalities distinguishes the color difference. Reciprocally, selecting dark colors minimize the differences.



260 - AP 29





03

Azarakhsh Refractory Bricks in Diversity of design and extraordinary colored

The rainbow of colors shadowing the earth and a scenic diversity of combination of colors which originate from the nature is manifested in **Azarakhsh bricks**. A complete series of color and form in **bricks**- based on your elegance- has played a considerable role in promotion of the art of this country which its result may be observed graciously.



ضریب نفوذ پذیری آب در آجرهای آذرخش بسیار کم می باشد که به دلیل فرآیندویژه ی تولید و فرمولاسیون انحصاری آن است . از این رو استفاده از آن در کف سازی و نصب در نما در مناطق مرطوب، پر باران و سرد بسیار مناسب و از نظر علمی ثابت شده می باشد. رمز توانایی آجر در خلق شگفت انگیزترین ساختمان های تاریخ در تناسبات آن نهفته است. پایداری و استفاده مکرر از آجر در معماری ایران را باید علاوه بر مقاومت و پایداری آجر، ارزشهای زیبایی شناسی آن دانست. به گونه ای که پوشش آجر بر قامت بنا، آن را اصیل، متین و بردبار و استوار نشان می دهد. برجستگی های منقوش بر روی آجر، علاوه بر عدم ایجاد یکنواختی در بافت و در نتیجه عدم ایجاد خستگی و دلزدگی بصری، رقصی است برگرفته از سماع در نگاه شیفته مشتاقان معماری شرق و ایران ، که هویت خود را از طرح های بی بدیل و اجزا و مصالح اختصاصی و ویژه این جغرافیای معماری یافته است. القای احساس قدرت، انرژی و گرمی و نشاط از دیگر ویژگی های آجر است که با نشستن بر جلوه بیرونی ساختمان ها ، روح زندگی و حیات را در کالبد شهر زنده می کند و تسلی است بر رخسار اندوهگین جوامع شهری که از ناهمگونی معماری و فرهنگ و سنن جامعه رنج می برد. ویژگی های فیزیکی و شیمیایی آجر از یک سو و سازگاری آن با طبیعت سرزمین ایران از سوی دیگر زمینه را برای کاربرد فراوان آن در معماری ایران مهیا ساخته، راه بروز خلاقیت در طراحی نماهای شهری و ساختمانی را هموار کرده و هر سلیقه ای را شیفته تنوع خود نموده است.



A **Brick**-made building is a part of nature. Harmony not only disturbs it but also grants its scenic color and form. This type of building is always preferred and advances though passage of time. A **Brick**-made building like a hand-made carpet is a combination of endless elegances of artist architects.



260 - AP 32



A **Brick**-made building is a part of nature. Harmony not only disturbs it but also grants its scenic color and form. This type of building is always preferred and advances though passage of time. A **Brick**-made building like a hand-made carpet is a combination of endless elegances of artist architects.



260 - AP 32



260 - AP 29



260 - AP 29

The secret of **Brick** ability for creating the most fantastic buildings of history is due to its proportionality. A **Brick**-made building is a part of nature. This building not only disturbs its congruency with nature but also provides a scenic color and form. Therefore, it has been always preferred by people. Like a hand-made carpet, it is the endless elegances of architects. The other property which brings exclusivity for **Brick** is its different sizes (dimension). These sizes have been evolved during time and coordinated with the human's body structure and ability. Its size makes it to be matched together easily. This property provides countless engineering properties in the location of two walls contact. **Bricks** are fixed to each other through mortar and provide a uniform surface. Due to their proper sizes, these materials have been used to create arc and dome since the era of Sassanid dynasty in Iran.





One of the most important properties of **Azarakhsh Refractory Bricks** is their thermal masses. In fact, due to their high densities, they preserve heat and free such heat gradually. In other words, houses constructed with these **Bricks** become cool in summer and warm in winter since it does not let the energy be lost. Of the other properties of our **Bricks**, diversity of color may be exemplified. This color originates from color-making elements in mineral compounds. In addition, high temperature baking manifests the vast colors after production of Refractory **Bricks**. These **Bricks** will then be constant from the view point of color against sunlight. All **Bricks** are composed of naturally- occurring materials and they all have organic compounds. Presence of these compounds in **Bricks** result in efflorescence and reduces the beauty of façade. This phenomenon is more tangible in clayey **Bricks**. The organic compounds of the produced **brick** are totally ruined in temperature of above 1100 C°. As a result, when these compounds are ruined, no efflorescence occurs. For this reason, results of efflorescence tests are very slight due to above mentioned issue.

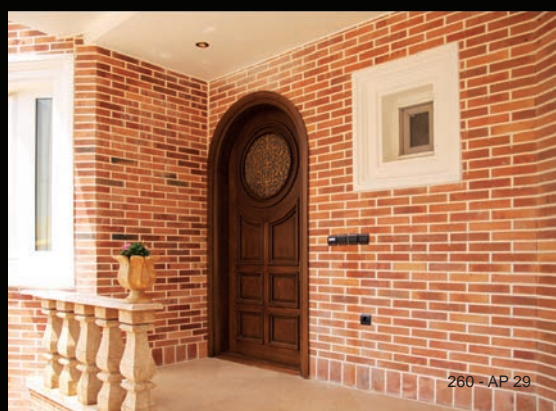
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INTERNATIONAL REFRACTORY BRICK & CERAMIC GROUP

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Refractory Brick

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DETAILS
PAGE
132



Azarakhsh brick façade gives beauty and delight to the appearance and ultimately is a suitable view for our building. Azarakhsh façade firebrick plays the role of heat and cold isolation that prevents waste of energy produced by heat and cold systems. Depending on the material color, and exposure surface it reflex the sun heat on summers and vice versa in winter.





PRECIOUS BRICKS

Azarakhsh Co. facade firebricks international manufacturer group with the support of specialize personnel and equipments and with the use of modern technologies and possibilities around the world is ready at any time that you wish to actualize your dream.

بزرگترین تولیدکننده‌ی انواع آجرهای نسوز نماهای ماندگار ساختمان در خاورمیانه
عضوانجمن آجر آمریکا

گروه بین المللی کارخانجات فرآورده های نسوز آذرخش با
پشتوانه تجهیزات و پرسنل متخصص خود و با بهره گیری
از کلیه امکانات و تکنولوژی های روز دنیا و مطابق با
استاندارد های بین المللی در هر زمان که شما اراده کنید
آماده ی تحقق آن رویایی است که شما به آن می اندیشید...

High-grade bricks for a worth living
architecture.



INTERNATIONAL REFRACTORY BRICK & CERAMIC GROUP

برای دریافت جزئیات و آدرس های مربوط به تصاویر داخل کاتالوگ
و سایر پروژه های انجام شده با آجر آذرخش ، با مراجعه به منوی
(پروژه ها) در سایت آذرخش می توانید در هر گوشه از ایران پهنای
که باشید از نزدیک ترین پروژه ها به محل زندگی تان بازدید نمایید

The Biggest Manufacturer Of Fire-Proof Productions & Brick Face in Middle East

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01

330 - AP 40

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02

Azarakhsh Refractory Bricks in Diversity of design and extraordinary colored

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03

330 - AP 40



04

330 - AP 40

The secret of **Brick** ability for creating the most fantastic buildings of history is due to its proportionality. **A Brick**-made building is a part of nature. This building not only disturbs its congruency with nature but also provides a scenic color and form. Therefore, it has been always preferred by people. Like a hand-made carpet, it is the endless elegances of architects. The other property which brings exclusivity for **Brick** is its different sizes (dimension). These sizes have been evolved during time and coordinated with the human's body structure and ability. Its size makes it to be matched together easily. This property provides countless engineering properties in the location of two walls contact. **Bricks** are fixed to each other through mortar and provide a uniform surface. Due to their proper sizes, these materials have been used to create arc and dome since the era of Sassanid dynasty in Iran.

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Azarakhsh International Refractory Brick Manufacturer Group

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Azarakhsh International Façade Refractory **Bricks** Manufactories (Group) is ready to fulfill the dreams you're thinking about by virtue of its equipment, specialist staffs and benefiting from all facilities and state of the art technologies whenever you desire.

The Biggest Manufacturer Of Fire-Proof Productions & Brick Face in Middle East

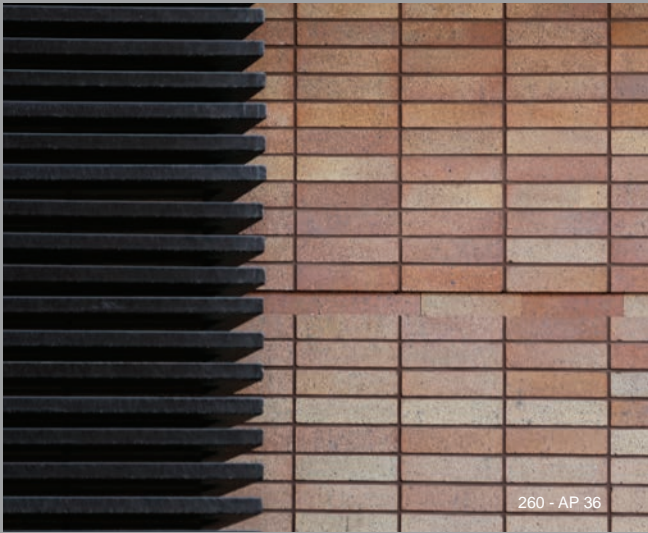






01

All **bricks** are composed of naturally- occurring materials and they all have organic compounds. Presence of these compounds in **bricks** result in efflorescence and reduces the beauty of façade. This phenomenon is more tangible in clayey **bricks**. The organic compounds of the produced **brick** are totally ruined in temperature of above 1100 C°. As a result, when these compounds are ruined, no efflorescence occurs. For this reason, results of efflorescence tests are very slight due to above mentioned issue.



260 - AP 36



260 - AP 31

The secret of **Brick** ability for creating the most fantastic buildings of history is due to its proportionality. A **Brick**-made building is a part of nature. This building not only disturbs its congruency with nature but also provides a scenic color and form. Therefore, it has been always preferred by people. Like a hand-made carpet, it is the endless elegances of architects. The other property which brings exclusivity for **Brick** is its different sizes (dimension). These sizes have been evolved during time and coordinated with the human's body structure and ability. Its size makes it to be matched together easily. This property provides countless engineering properties in the location of two walls contact. **Bricks** are fixed to each other through mortar and provide a uniform surface. Due to their proper sizes, these materials have been used to create arc and dome since the era of Sassanid dynasty in Iran.



260 - AP 31



02

260 - AP 31



260 - AP 36



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Get a Perfect view

Azarakhsh Refractory Bricks, Ideal for Beautiful Patios, Yards, Staircases and Streets

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The Biggest Manufacturer Of Fire-Proof Productions & Brick Face in Middle East

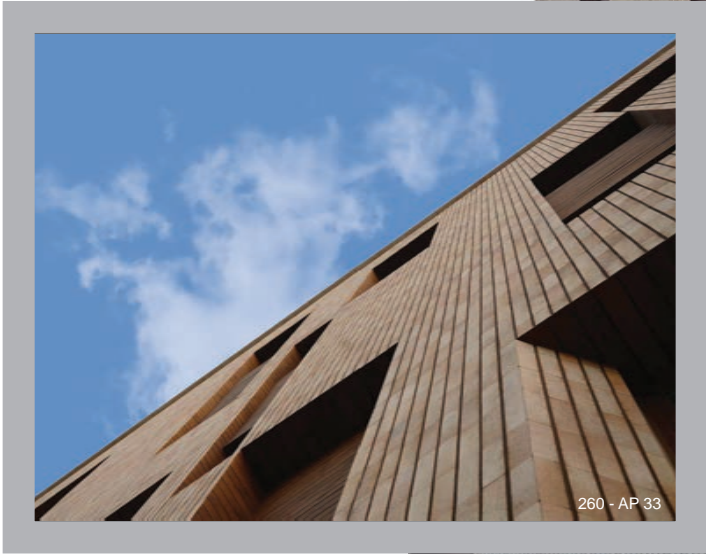


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A photograph of a modern building's exterior. The facade is constructed from light-colored bricks, with some sections featuring horizontal bands of larger, smoother panels. A balcony on the second floor is adorned with several potted plants, including red and white flowers. Above the balcony, a dark metal lattice structure is visible, and a balcony with a black railing is situated on the top floor. The sky is blue with scattered white clouds.

Azarakhsh brick façade gives beauty and delight to the appearance and ultimately is a suitable view for our building. Azarakhsh façade firebrick plays the role of heat and cold isolation that prevents waste of energy produced by heat and cold systems. Depending on the material color, and exposure surface it reflex the sun heat on summers and vice versa in winter.





01

260 - AP 36



02

260 - AP 33



03

260 - AP 33

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Azarakhsh Refractory Bricks, Ideal for Beautiful Patios, Yards, Staircases and Streets



01

260 - AP 33

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02

260 - AP 33

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03

260 - AP 33



04

260 - AP 36



05

260 - AP 33



06

260 - AP 33



260 - AP 36



260 - AP 36



260 - AP 36

Brick Name ▶ Refractory Brick No 260
Design Name ▶ Dark Graniti Design
Dimenations ▶ 260 × 55 × 27
N/m² ▶ 60

آجر نسوز پلاک ۲۶۰
نما گرانیته تیره
۲۶۰ × ۵۵ × ۲۷
قالب ۶۰

نام آجر ▶
نام طرح ▶
ابعاد ▶
تعداد در هر متر مربع ▶

Tolerating high compressions which is resulted from specific formulation, during production and baking of **Azarakhsh bricks** provides a wondrous image of the **bricks** endurance under the highest compressional pressures. It shall be mentioned that some of our products have also endured compressional pressures up to 900 Kg/Cm². Such characteristics guarantee high durability of our **bricks** during the elapse of time with high qualities. Harmony with nature and co-habilitation with art and creation of excellent artistic works in the substrate of architecture is a worthy gift to environmentalists. Enjoying from fully natural and recyclable components, our products are absolutely environmentally-friendly. In other words, they are part of neat and beautiful nature. Our bricks, as mentioned above, are constituted of formulation of natural components. Co-habilitation with nature (from the very onset of production until the end of recycling) is of the other exemplifying characteristics of our products.

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PAGE
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260 - AP 33



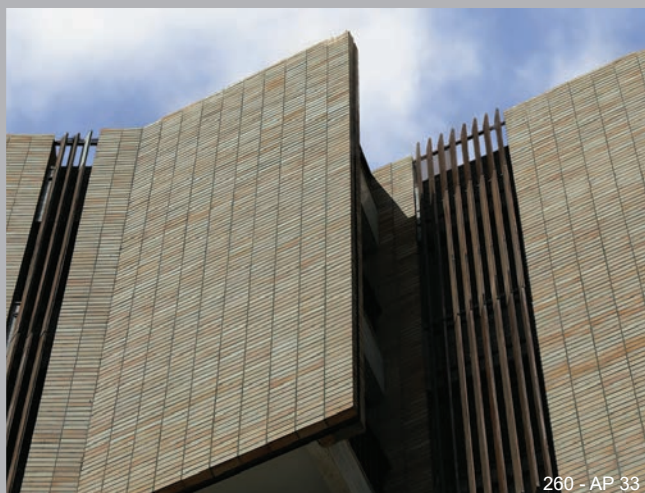
260 - AP 33



260 - AP 33

Brick Name ▶ Refractory Brick No 260
Design Name ▶ Graniti Design
Dimenations ▶ 260×55×27
N/m² ▶ 60

آجر نسوز پلاک ۲۶۰ ▶ نام آجر
نما گرانیتی ▶ نام طرح
۲۶۰×۵۵×۲۷ ▶ ابعاد
۶۰ ▶ تعداد در هر متر مربع



260 - AP 33



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Get a Perfect view The Biggest Manufacturer Of Fire-Proof Productions & Brick Face in Middle Esat

EXCEPTIONAL PROPERTIES OF AZARAKHSH FIREBRICK



One of the most important properties of Azarakhsh refractory Bricks is their thermal masses. In fact, due to their high densities, they preserve heat and free such heat gradually. In other words, houses constructed with these Bricks become cool in summer and warm in winter since it does not let the energy be lost. Of the other properties of our Bricks, diversity of color may be exemplified. This color originates from color-making elements in mineral compounds. In addition, high temperature baking manifests the vast colors after production of refractory Bricks. These Bricks will then be constant from the view point of color against sunlight. All Bricks are composed of naturally-occurring materials and they all have organic compounds. Presence of these compounds in Bricks result in efflorescence and reduces the beauty of façade. This phenomenon is more tangible in clayey Bricks. The organic compounds of the produced **Brick** are totally ruined in temperature of above 1100 C°. As a result, when these compounds are ruined, no efflorescence occurs. For this reason, results of efflorescence tests are very slight due to above mentioned issue.

یکی از ویژگی‌های مهم استثنایی آجر نسوز آذرخش خاصیت توده‌ی گرمایی آن است. به این معنا که این آجر به دلیل داشتن دانسیته بالا، گرما را در خود ذخیره کرده و آهسته و آرام آن را آزاد می‌کند. این خاصیت سبب می‌شود که در ماه‌های گرم سال، خانه‌های آجری خنک و در فصل سرد زمستان، دیواره‌های آجری گرم مانده و مانع هدر رفتن انرژی و گرما شود. از دیگر ویژگی‌های آجر نسوز آذرخش تنوع رنگ در آجرها می‌باشد که علت آن وجود عناصر رنگ ساز در مواد معدنی است و پخت در درجه حرارت بالا، که خود را پس از فرایند تولید در محصول آشکار و نمایان می‌سازد. این خاصیت باعث پدید آمدن تنوع رنگ بسیار بالا شده و سبب می‌شود که آجرهای نسوز تحت تاثیر اشعه‌های نور خورشید تغییر رنگ نداده و جذابیت نمای ساختمان را ماندگار می‌سازد و هرگز حالت رنگ پریدگی در آن ایجاد نخواهد شد. تمام آجرها از مواد طبیعی تشکیل شده و مواد معدنی طبیعی دارای عناصر آلی می‌باشند. این عناصر بر اثر نفوذ رطوبت در سطح آجر، سبب شوره زدگی شده و از زیبایی کار در نمای ساختمان می‌کاهد. این مسئله در تمامی آجرهای رسی محسوس و قابل مشاهده است. عناصر آلی موجود در مواد معدنی پس از رسیدن به دمایی بیش از ۱۱۰۰ درجه سانتیگراد کاملاً از بین رفته و مانع از شوره زدگی در سطح آجر می‌شود که این عناصر در فرایند تولید آجر نسوز آذرخش به پایین‌ترین حد ممکن رسیده است و در نتیجه تست شوره زدگی در این نوع آجرها در حد صفر خواهد بود.



A façade constructed with **Azarakhsh** bricks creates delicateness and beauty of apparent display of building and its appropriate perspective for building. **Azarakhsh** refractory bricks play the role of a heat and cold-proof medium which prevent loss of energy produced by heating and cooling systems. They also remove or reflect heat in summer based on their color, type and area. This action applies for winter as they attract sunlight and consequently heat of the sun.

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400 - AP 70

Brick Name ▶ Refractory Brick No 400
Design Name ▶ Modern Black Design
Dimenations ▶ 400×200×27
N/m² ▶ 12

آجر نسوز پلاک ۴۰۰
نما مدرن مشکی
۴۰۰×۲۰۰×۲۷
۱۲ قالب

نام آجر ▶
نام طرح ▶
ابعاد ▶
تعداد در هر متر مربع ▶



DETAILS
PAGE
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Brick Name ▶	Refractory Brick No 400	آجر نسوز ۴۰۰	نام آجر ▶
Design Name ▶	Modern Red Design	نما مدرن قرمز	نام طرح ▶
Dimenations ▶	400×200×27	۴۰۰×۲۰۰×۲۷	ابعاد ▶
N/m² ▶	12	۱۲ قالب	تعداد در هر متر مربع ▶

A z a r a k h s h I n t e r n a t i o n a l R e f r a c t o r y B r i c k M a n u f a c t u r e r G r o u p

DETAILS

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A Brick-made building is a part of nature. Harmony not only disturbs it but also grants its scenic color and form. This type of building is always preferred and advances though passage of time. A Brick-made building like a hand-made carpet is a combination of endless elegances of artist architects.




Brick Name ▶ Refractory Brick No 400
 Design Name ▶ Modern Shamuti Design
 Dimenations ▶ 400 × 200 × 27
 N/m² ▶ 12

نام آجر ▶ آجر نسوز ۴۰۰
 نام طرح ▶ نما مدرن شاموتی
 ابعاد ▶ ۴۰۰ × ۲۰۰ × ۲۷
 تعداد در هر متر مربع ▶ ۱۲ قالب

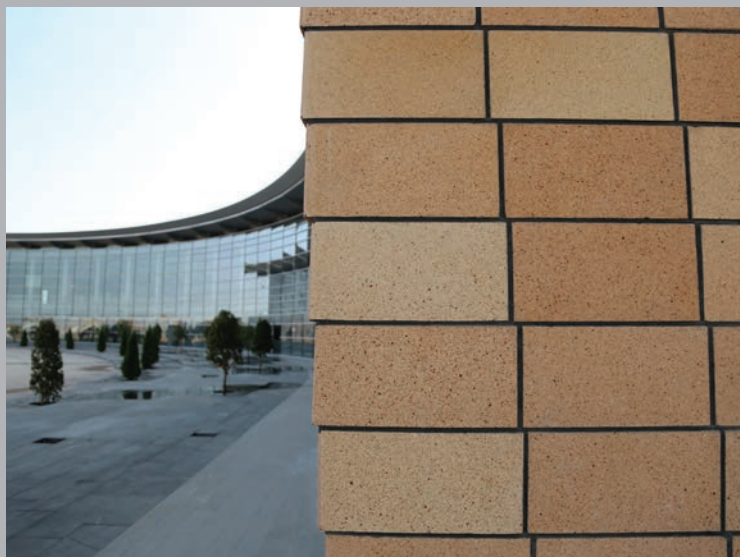
Get a Perfect view The Biggest Manufacturer Of Fire-Proof Productions & Brick Face in Middle East

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Azarakhsh brick façade gives beauty and delight to the appearance and ultimately is a suitable view for our building. Azarakhsh façade firebrick plays the role of heat and cold isolation that prevents waste of energy produced by heat and cold systems. Depending on the material color, and exposure surface it reflex the sun heat on summers and vice versa in winter.

02



A **Brick**-made building is a part of nature. Harmony not only disturbs it but also grants its scenic color and form. This type of building is always preferred and advances though passage of time. A **Brick**-made building like a hand-made carpet is a combination of endless elegances of artist architects.



03



04



05



400 - AP 67

Brick Name ▶ Refractory Brick No 400

Design Name ▶ Modern Shamuti Design

Dimenations ▶ 400 × 200 × 27

N/m² ▶ 12

آجر نسوز ۴۰۰ ▶ نام آجر

نما مدرن شاموتی ▶ نام طرح

۴۰۰ × ۲۰۰ × ۲۷ ▶ ابعاد

۱۲ قالب ▶ تعداد در هر متر مربع



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A façade constructed with **Azarakhsh bricks** creates delicateness and beauty of apparent display of building and its appropriate perspective for building. **Azarakhsh refractory bricks** play the role of a heat and cold-proof medium which prevent loss of energy produced by heating and cooling systems. They also remove or reflect heat in summer based on their color, type and area. This action applies for winter as they attract sunlight and consequently heat of the sun.



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260 - AP 34



DETAILS

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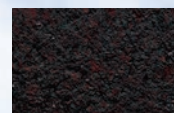
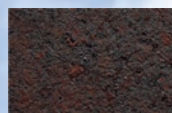
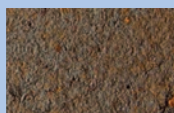
260 - AP 34



260 - AP 34

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► A member of Brick Industry Association of U.S.A



Brick Name ► Refractory Brick No 260
Design Name ► Black Design
Dimenations ► 260×55×27
N/m² ► 60

نام آجر ► آجر نسوز پلاک ۲۶۰
نام طرح ► نما مشکی
ابعاد ► ۲۶۰×۵۵×۲۷
تعداد در هر متر مربع ► ۶۰ قالب

DETAILS
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330 - AP 33

330 - AP 43

Azarakhsh brick façade gives beauty and delight to the appearance and ultimately is a suitable view for our building. Azarakhsh façade firebrick plays the role of heat and cold isolation that prevents waste of energy produced by heat and cold systems. Depending on the material color, and exposure surface it reflex the sun heat on summers and vice versa in winter.

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Brick Name ▶	Refractory Brick No 330	آجر نسوز پلاک ۳۳۰	نام آجر ▶
Design Name ▶	Black Design	نما مشکی	نام طرح ▶
Dimenations ▶	330 × 70 × 27	۳۳۰ × ۷۰ × ۲۷	ابعاد ▶
N/m² ▶	37	۳۷ قالب	تعداد در هر متر مربع ▶



جمله در محل اتصال دو دیوار به یکدیگر به وجود می آورد. آجرها به کمک ملات به یکدیگر متصل می شوند و سطح یکنواختی را به وجود می آورند. این ابعاد متناسب باعث شده است که این مصالح به منظور اجرای دهانه های وسیع به صورت قوس، طاق و گنبد که از زمان قبل از ساسانیان در ایران رواج داشته است کارایی منحصر به فردی داشته باشد

The secret of Brick ability for creating the most fantastic buildings of history is due to its proportionality. A Brick-made building is a part of nature. This building not only disturbs its congruency with nature but also provides a scenic color and form. Therefore, it has been always preferred by people. Like a hand-

معماران هنرمند است. ویژگی دیگری که سبب منحصر به فرد بودن آجر می شود، ابعاد متفاوت این مصالح ساختمانی می باشد. این ابعاد در طی زمان متحول شده و در حال حاضر با ساختار و توانایی بدن انسان هماهنگ شده است. ابعاد آجر به طریقی است که به راحتی در یکدیگر قفل و بست می گردند. این خاصیت، کیفیت های مهندسی بی شمار از

made carpet, it is the endless elegances of architects. The other property which brings exclusivity for Brick is its different sizes dimension). These sizes have been evolved during time and coordinated with the human's body structure and ability. Its size makes it to be matched together easily. This property

رمز توانایی آجر در خلق شگفت انگیزترین ساختمان های تاریخ و در تناسبات آن نهفته است. یک ساختمان آجری جزئی از طبیعت است و هم آوایی آن را نه تنها به هم نمی زند بلکه رنگ و فرم چشم نوازی به آن می بخشد. از این رو همواره مورد پسند همگان بوده و هست. یک ساختمان آجری همانند یک فرش دستبافت، ترکیبی از سلیقه های بی انتهای

provides countless engineering properties in the location of two walls contact. Bricks are fixed to each other through mortar and provide a uniform surface. Due to their proper sizes, these materials have been used to create arc and dome since the era of Sassanid dynasty in Iran.

DETAILS

PAGE

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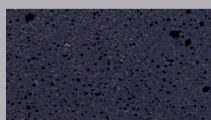
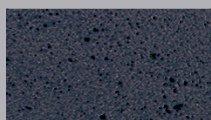
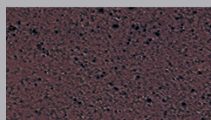
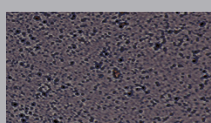
A Brick-made building is a part of nature. Harmony not only disturbs it but also grants its scenic color and form. This type of building is always preferred and advances though passage of time. A Brick-made building like a hand-made carpet is a combination of endless elegances of artist architects.



تکرار شکل ، فرم و رنگ چشم نواز است و می تواند ترکیبی زیبا و حجم گونه را در معماری به نمایش بگذارد . از این رو بهرمندی از آجرهای نسوز آذرخش به دلیل تنوع در رنگ ، فرم ، نصب سریع و آسان و ایجاد هماهنگی گزینه ای مناسب در طراحی و اجرای نمای باشد.

Brick Name ▶ Refractory Brick No 330
Design Name ▶ Black Design
Dimenations ▶ 330 × 70 × 27
N/m² ▶ 37

نام آجر ▶ آجر نسوز پلاک ۳۳۰
نام طرح ▶ نما مشکی
ابعاد ▶ ۳۳۰ × ۷۰ × ۲۷
تعداد در هر متر مربع ▶ ۳۷ قالب



Brick is the essence of art and it is a tool for architecture.

Repetition of form and color is magnificent and it may represent a beautiful representation of architecture. Therefore, due to their diversity, form and easy and fast installment as well as coordination, using Azarakhsh refractory bricks is an appropriate choice for design of mass building construction façade.





01

300 - AP 43

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Azarakhsh Refractory Bricks, Ideal for Beautiful Patios, Yards, Staircases and Streets

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about by virtue of its equipment,
specialist staffs and benefiting
from all facilities and state of the art
technologies whenever you desire.



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Azarakhsh brick façade gives beauty and delight to the appearance and ultimately is a suitable view for our building. Azarakhsh façade firebrick plays the role of heat and cold isolation that prevents waste of energy produced by heat and cold systems. Depending on the material color, and exposure surface it reflex the sun heat on summers and vice versa in winter.



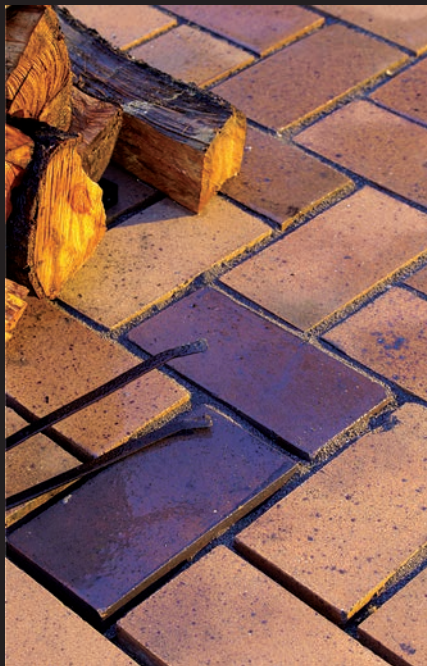
A **Brick-made building** is a part of nature. Harmony not only disturbs it but also grants its scenic color and form. This type of building is always preferred and advances though passage of time. A **Brick-made building** like a hand-made carpet is a combination of endless elegances of artist architects.



230 - AP 86

THE SECRET OF IMMANENCY IS SIMPLICITY

BRICK IS SIMPLE AND BEAUTIFUL



Emotion

Diversity of architectural design, quality of life and a healthy indoor climate in no way conflict with the efficiency and environmental benefits offered by a brick – house.



Using **Azarakhsh Bricks** for flooring has a specific advantage rather than using other materials. Of the advantages of these **Bricks**, naturalness and congruity with nature can be exemplified. Long-lasting, congruity with soil texture and its magnificent combination with flower and plants are of the other specific characteristics of **Brick**.

به کارگیری آجر آذرخش برای فرش کردن کف مزیت خاصی نسبت به سایر مصالح دارد که از آن جمله می توان به طبیعی بودن این مصالح و هم خویی آن با طبیعت نام برد. ماندگاری بسیار طولانی، همراهی آجر با بافت خاک و ترکیب چشم نواز آن با گل ها و گیاهان یکی دیگر از ویژگی های خاص آجر است.



ARCHITECTURE BRICK



230 - AP 129

ARCHITECTURE BRICK



200 - AR 52

ARCHITECTURE BRICK



230 - AP 126

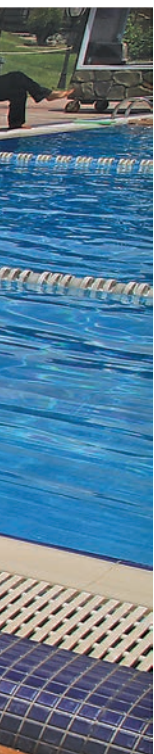
ARCHITECTURE BRICK



100 - AP 154



100 - AP 154



Brick Name ▶	Refractory Brick No 100
Design Name ▶	American Design
Dimenations ▶	100×100×27
N/m ² ▶	100

آجر نسوز ۱۰۰	نام آجر ▶
طرح آمریکایی	نام طرح ▶
۱۰۰×۱۰۰×۲۷	ابعاد ▶
۱۰۰ قالب	تعداد در هر متر مربع ▶

All Bricks are composed of naturally- occurring materials and they all have organic compounds. Presence of these compounds in Bricks result in efflorescence and reduces the beauty of façade. This phenomenon is more tangible in clayey Bricks. The organic compounds of the produced Brick are totally ruined in temperature of above 1100 C°. As a result, when these compounds are ruined, no efflorescence occurs. For this reason, results of efflorescence tests are very slight due to above mentioned issue.



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AZARAKHSH

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230 - AP 86
230 - AP 88

به کارگیری آجر آذرخش برای فرش کردن کف، مزیت خاصی نسبت به سایر مصالح دارد، که از آن جمله می توان به طبیعی بودن این مصالح و هم خویی آن با طبیعت نام برد. ماندگاری بسیار طولانی، همراهی آجر با بافت خاک و ترکیب چشم نواز آن با گل ها و گیاهان یکی دیگر از ویژگی های خاص آجر است.

Using **Azarakhsh Bricks** for flooring has a specific advantage rather than using other materials. Of the advantages of these **Bricks**, naturalness and congruity with nature can be exemplified. Long-lasting, congruity with soil texture and its magnificent combination with flower and plants are of the other specific characteristics of **Brick**.

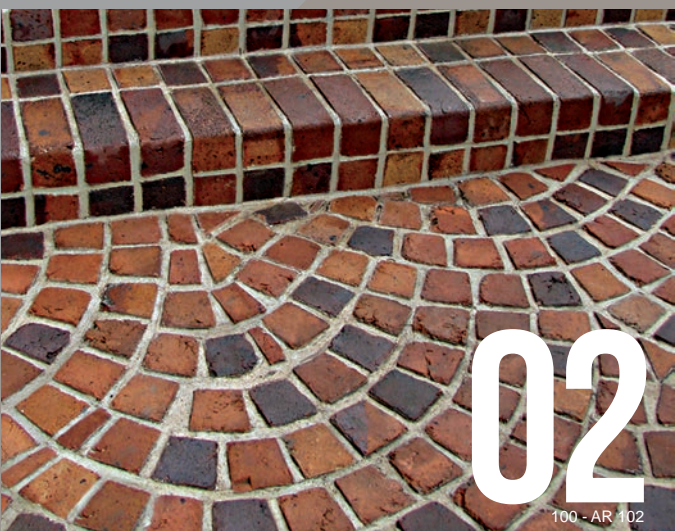




230 - AP 86
230 - AP 88

All construction materials react to temperature and moisture change and their volume consequently change. Pressures due to such volume changes result in adverse phenomena in buildings. For this reason, some actions should be taken to reduce these differential changes (movements). Of course, expansion joint systems may reduce crack potential and the appertaining problems to some extent. However, accurate prediction of these changes is very difficult for most of the buildings since they encounter the designers and executors with some problems at the conclusion or post-construction stages. In general, these changes depend on the properties of construction materials. One of the destructive factors which jeopardize construction materials is moisture. This factor most threatens clayey bricks rather than other construction materials since they dilate gradually. This dilation is very considerable and irreversible. Amount of destruction for any brick depends on to its raw materials and the temperature of baking. Clayey bricks cannot be used for façade ornamentation in places with high moisture or drastic temperature change between day and night because of mentioned problem. Due to having some special combination of compounds such as Al_2O_3 and SiO_2 as well as calcinations of raw materials in high temperatures prior to molding and during baking, Azarakhsh refractory bricks are produced with considerable coherence rather than other construction materials. These products are unchangeable under any climatic conditions, temperature and moisture fluctuation. Therefore, its durability is tens of times higher than ordinary bricks due to resistance to abrasion and erosion.

Azarakhsh®
INTERNATIONAL REFRACTORY BRICK & CERAMIC GROUP



100 - AR 102

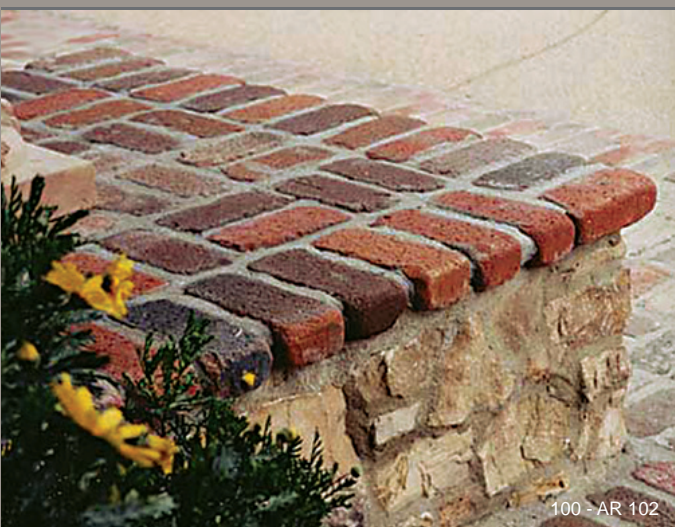


260 - AP 32
100 - AP 159

The most important factor for the beauty of **Brick** floors is the diversity of colors. This scenery is abundant in **Azarakhsh bricks**. The beauty of them is indebted to presence of different mineral compounds. It should be mentioned that no coloring additives are added to **Bricks** during production and baking. In addition to beauty, these **Bricks** have high compressional strength so that they can withstand under pressures up to 900 Kg/cm. substrate or ground preparation is the most important step for fixing **Brick** floor. A combination of gravel and sand with thickness of 10 cm is very important for substrate preparation. Using **Azarakhsh** flooring **Bricks** in streets and crowded spaces is an advantaged which cannot be neglected. Substrate may be filled with thickness of 10 to 20 Cm in crowded places with heavy traffic. These **Bricks** like the other **Azarakhsh Bricks** are made of naturally-occurring minerals and no chemicals are used during their production. Therefore, the water penetrates the ground due to raining or leaching is environmentally friendly. In addition, due to space of articulations between rocks during **Brick**-lying, the rain water penetrates the ground immediately and no water accumulation in passages.



200 - AP 59



100 - AR 102



230 - AP 129





01

100 - AR 102

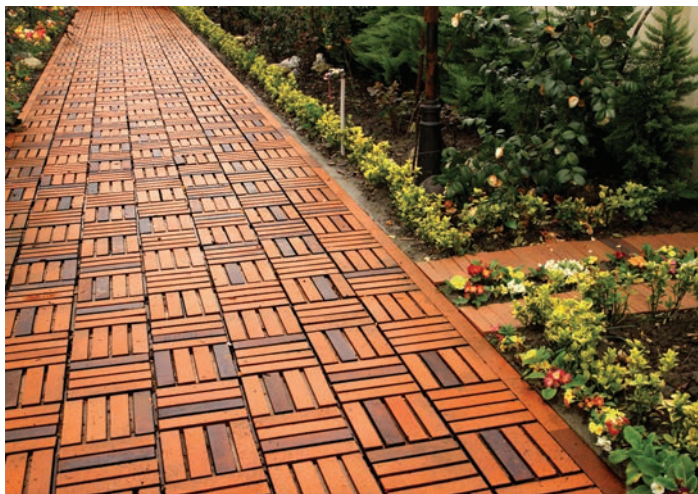
Azarakhsh Refractory Bricks, Ideal for Beautiful Patios, Yards, Staircases and Streets

DETAILS

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The Biggest Manufacturer Of Fire-Proof Productions & Brick Face in Middle East



Azarakhsh Refractory Bricks, Ideal for Beautiful Patios, Yards, Staircases and Streets



The most important factor for the beauty of **Brick** floors is the diversity of colors. This scenery is abundant in **Azarakhsh Bricks**. The beauty of them is indebted to presence of different mineral compounds. It should be mentioned that no coloring additives are added to **Bricks** during production and baking. In addition to beauty, these **Bricks** have high compressional strength so that they can withstand under pressures up to 900 Kg/cm. substrate or ground preparation is the most important step for fixing **Brick** floor. A combination of gravel and sand with thickness of 10 cm is very important for substrate preparation. Using **Azarakhsh** flooring **Bricks** in streets and crowded spaces is an advantaged which cannot be neglected. Substrate may be filled with thickness of 10 to 20 Cm in crowded places with heavy traffic. These **Bricks** like the other **Azarakhsh Bricks** are made of naturally-occurring minerals and no chemicals are used during their production. Therefore, the water penetrates the ground due to raining or leaching is environmentally friendly. In addition, due to space of articulations between rocks during **Brick**-lying, the rain water penetrates the ground immediately and no water accumulation in passages.



Brick Name ▶ Refractory Brick No 200
 Design Name ▶ Black Design
 Dimenations ▶ 200 × 200 × 27
 N/m² ▶ 25

نام آجر ▶ آجر نسوز پلاک ۲۰۰
 نام طرح ▶ نما مشکی
 ابعاد ▶ ۲۰۰ × ۲۰۰ × ۲۷
 تعداد در هر متر مربع ▶ ۲۵ قالب



100 - AR 102

A façade constructed with **Azaraksh Bricks** creates delicateness and beauty of apparent display of building and its appropriate perspective for building. **Azaraksh refractory Bricks** play the role of a heat and cold-proof medium which prevent loss of energy produced by heating and cooling systems. They also remove or reflect heat in summer based on their color, type and area. This action applies for winter as they attract sunlight and consequently heat of the sun.



100 - AR 102

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whenever you desire.



200 - AP 61



100 - AR 102

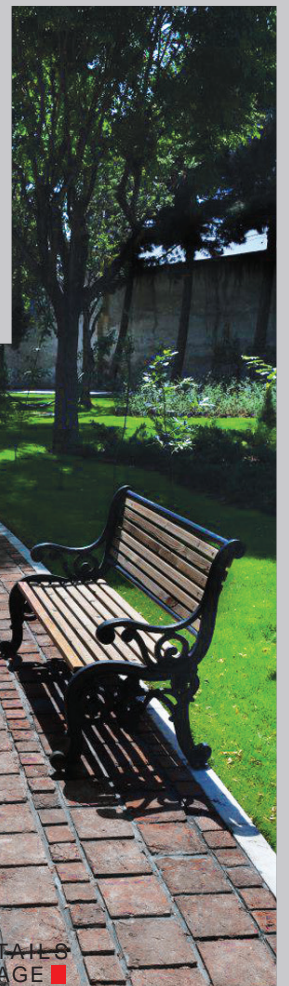


02

200 - AR 35
200 - AR 52



03



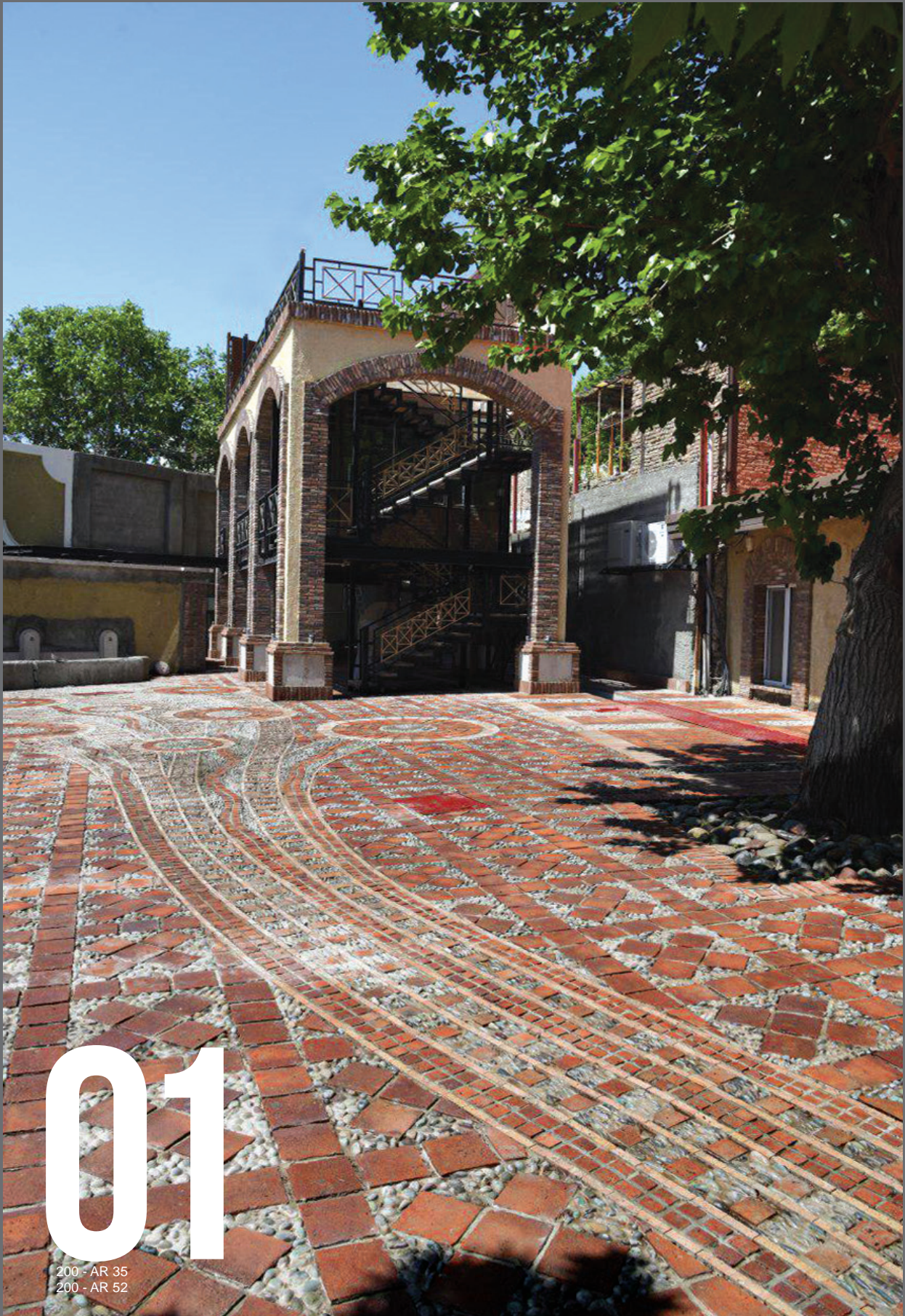
04



05

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PAGE

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01

200 - AR 35
200 - AR 52

DETAILS

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افزایش داد. این گروه از تولیدات آذرخش همانند سایر محصولات از مواد معدنی طبیعی ساخته می شوند و در فرایند تولید آن هیچ گونه مواد شیمیایی به کار نمی رود. از این رو در هنگام بارندگی و شستشو، آبی که در اثر نفوذ پذیری به داخل زمین راه پیدا می کند هیچ گونه ضرری را برای محیط زیست در بر نخواهد داشت و به دلیل وجود بند های میانی آجرها در هنگام آجر چینی، آب باران بلافاصله از طریق این درزها به داخل زمین نفوذ خواهد کرد و مانع آب گرفتگی در معابر خواهد شد.

تا ۹۰۰ کیلوگرم بر سانتیمتر مربع می باشند. زیر سازی اولین گام جهت نصب آجر فرشها می باشد. ترکیب موادی مناسب به منظور زیر سازی که معمولاً مخلوطی متشکل از شن و ماسه با ضخامت ۱۰ سانتیمتر است از اهمیت ویژه ای برخوردار خواهد بود. استفاده از کف فرشهای آذرخش در خیابان ها و محوطه های پر تردد، مزیتی است که نمی توان آن را نادیده گرفت. بر حسب نیاز در مسیر های پر تردد و خیابان های شلوغ با حجم ترافیکی بالا، دامنه زیر سازی را می توان از ۱۰ سانتیمتر به ۲۰ سانتیمتر

مهمترین عامل زیبایی در کف فرش های آجری وجود تنوع رنگ در میان آنهاست. این چشم نوازی در میان آجرهای کف آذرخش به وفور دیده می شود، تنها دلیل به وجود آمدن این واریاسیون زیبا، وجود عناصر گوناگون معدنی است. شایان ذکر است که در فرایند تولید و پخت آجرها هیچ گونه مواد افزودنی رنگ ساز استفاده نشده است. علاوه بر زیبایی و تنوع رنگ بسیار زیاد در کف فرش های آذرخش، این گروه آجرها از مقاومت فشاری بسیار بالایی برخوردارند و بعضی از آنها حتی قادر به تحمل فشار



Simple Floor Refractory Brick	100 • 100 • 27
Simple Floor Refractory Brick	100 • 100 • 27
Simple Floor Refractory Brick	114 • 23 • 27
Simple Floor Refractory Brick	114 • 23 • 64
Simple Floor Refractory Brick	114 • 23 • 50
Simple Floor Refractory Brick	200 • 200 • 32
Simple Floor Refractory Brick	200 • 200 • 50
Simple Floor Refractory Brick	250 • 250 • 32
Simple Floor Refractory Brick	250 • 250 • 50
Simple Floor Refractory Brick	400 • 400 • 30



Get a Perfect view Azarakhsh Refractory Bricks, Ideal for Beautiful Patios, Yards, Staircases and Streets

The secret of immanency is
SIMPLICITY
Brick is simple and beautiful



Our **Bricks** provide the architects with high varieties of colors and forms and diverse and creative types of arrangements. Repetition of form and color is magnificent and it may represent a beautiful representation of architecture. Therefore, due to their diversity, form and easy and fast installment as well as coordination, using **Azarakhsh refractory bricks** is an appropriate choice for design of mass building construction façade.

آجرهای آذرخش به دلیل تنوع بالا در رنگ و شکل، امکان چیدمان‌های متنوع و خلاقانه‌ای را در اجرای نما، به طراحان و معماران می‌دهد. ایجاد بافتی متنوع و هم‌سوی با هر نوع سلیقه و طراحی، از بارزترین خصوصیات آجرهای آذرخش می‌باشد.



330 - AP 113



230 - AP 113
230 - AP 115



THE SECRET OF IMMANENCY IS SIMPLICITY BRICK IS SIMPLE AND BEAUTIFUL

Using **Azarakhsh Bricks** for flooring has a specific advantage rather than using other materials. Of the advantages of these **Bricks**, naturalness and congruity with nature can be exemplified. Long-lasting, congruity with soil texture and its magnificent combination with flower and plants are of the other specific characteristics of **Brick**.

به کارگیری آجر آذرخش برای فرش کردن کف مزیت خاصی نسبت به سایر مصالح دارد که از آن جمله می توان به طبیعی بودن این مصالح و هم خویی آن با طبیعت نام برد . ماندگاری بسیار طولانی ، همراهی آجر با بافت خاک و ترکیب چشم نواز آن با گل ها و گیاهان یکی دیگر از ویژگی های خاص آجر است .





Azarakhsh®
INTERNATIONAL REFRACTORY BRICK & CERAMIC GROUP

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EXCEPTIONAL PROPERTIES OF AZARAKHSH FIREBRICK



One of the most important properties of Azarakhsh refractory Bricks is their thermal masses. In fact, due to their high densities, they preserve heat and free such heat gradually. In other words, houses constructed with these Bricks become cool in summer and warm in winter since it does not let the energy be lost. Of the other properties of our Bricks, diversity of color may be exemplified. This color originates from color-making elements in mineral compounds. In addition, high temperature baking manifests the vast colors after production of refractory Bricks. These Bricks will then be constant from the view point of color against sunlight. All Bricks are composed of naturally-occurring materials and they all have organic compounds. Presence of these compounds in Bricks result in efflorescence and reduces the beauty of façade. This phenomenon is more tangible in clayey Bricks. The organic compounds of the produced **Brick** are totally ruined in temperature of above 1100 C°. As a result, when these compounds are ruined, no efflorescence occurs. For this reason, results of efflorescence tests are very slight due to above mentioned issue.

یکی از ویژگی های مهم استثنایی آجر نسوز آذرخش خاصیت توده ی گرمایی آن است . به این معنا که این آجر به دلیل داشتن دانسیته بالا ، گرما را در خود ذخیره کرده و آهسته و آرام آن را آزاد می کند . این خاصیت سبب می شود که در ماههای گرم سال ، خانه های آجری خنک و در فصل سرد زمستان ، دیواره های آجری گرم مانده و مانع هدر رفتن انرژی و گرما شود . از دیگر ویژگی های آجر نسوز آذرخش تنوع رنگ در آجرها می باشد که علت آن وجود عناصر رنگ ساز در مواد معدنی است و پخت در درجه حرارت بالا ، که خود را پس از فرایند تولید در محصول آشکار و نمایان می سازد . این خاصیت باعث پدید آمدن تنوع رنگ بسیار بالا شده و سبب می شود که آجرهای نسوز تحت تاثیر اشعه های نور خورشید تغییر رنگ نداده و جذابیت نمای ساختمان را ماندگار می سازد و هرگز حالت رنگ پریدگی در آن ایجاد نخواهد شد . تمام آجرها از مواد طبیعی تشکیل شده و مواد معدنی طبیعی دارای عناصر آلی می باشند . این عناصر بر اثر نفوذ رطوبت در سطح آجر ، سبب شوره زدگی شده و از زیبایی کار در نمای ساختمان می کاهد . این مسئله در تمامی آجرهای رسی محسوس و قابل مشاهده است . عناصر آلی موجود در مواد معدنی پس از رسیدن به دمایی بیش از ۱۱۰۰ درجه سانتیگراد کاملاً از بین رفته و مانع از شوره زدگی در سطح آجر می شود که این عناصر در فرایند تولید آجر نسوز آذرخش به پایین ترین حد ممکن رسیده است و در نتیجه تست شوره زدگی در این نوع آجرها در حد صفر خواهد بود .



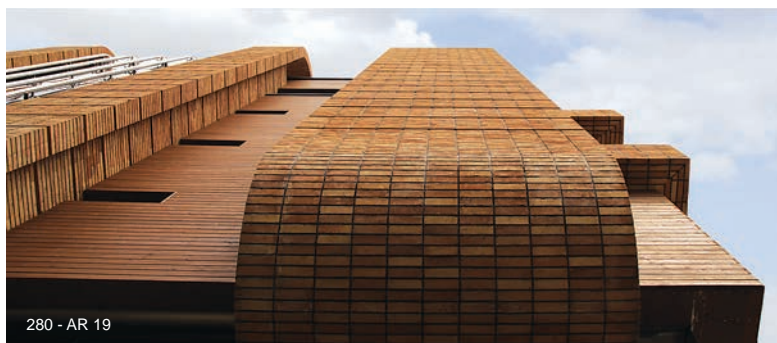
280 - AR 19

Brick Name ▶
Design Name ▶
Dimenations ▶

Rostic Refractory Brick
Random Shamuti Design
280×70×28

آجر نسوز رستیک ۱۹ - AR ۲۸۰
زرد شاموتی رندوم
۲۸۰×۷۰×۲۸

نام آجر ▶
نام طرح ▶
ابعاد ▶



280 - AR 19

Azarakhsh International
Façade Refractory Bricks
Manufactories (Group) is ready to
fulfill the dreams you're thinking
about by virtue of its equipment,
specialist staffs and benefiting
from all facilities and state of the art
technologies whenever you desire.



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رمز توانایی آجر در خلق شگفت انگیزترین ساختمان های تاریخ و در تناسب آن نهفته است. یک ساختمان آجری جزئی از طبیعت است و هم آوایی آن را نه تنها به هم نمی زند بلکه رنگ و قرم چشم نوازی به آن می بخشد. از این رو همواره مورد پسند همگان بوده و هست. یک ساختمان آجری همانند یک فرش دست بافت، ترکیبی از سلیقه های بی انتهای معماران هنرمند است. ویژگی دیگری که سبب منحصر به فرد بودن آجر می شود، ابعاد متفاوت این مصالح ساختمانی می باشد. این ابعاد در طی زمان متحول شده و در حال حاضر با ساختار و توانایی بدن انسان هماهنگ شده است.

The secret of **Brick** ability for creating the most fantastic buildings of history is due to its proportionality. A **Brick**-made building is a part of nature. This building not only disturbs its congruency with nature but also provides a scenic color and form. Therefore, it has been always preferred by people. Like a hand-made carpet, it is the endless elegances of architects. The other property which brings exclusivity for **Brick** is its different sizes (dimension). These sizes have been evolved during time and coordinated with the human's body structure and ability.





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All construction materials react to temperature and moisture change and their volume consequently change. Pressures due to such volume changes result in adverse phenomena in buildings. For this reason, some actions should be taken to reduce these differential changes (movements). of course, expansion joint systems may reduce crack potential and the appertaining problems to some extent. However, accurate prediction of these changes is very difficult for most of the buildings since they encounter the designers and executors with some problems at the conclusion or post- construction stages. In general, these changes depend on the properties of construction materials. One of the destructive factors which jeopardize construction materials is moisture. This factor most threatens clayey Bricks rather than other construction materials since they dilate gradually. This dilation is very considerable and irreversible. Amount of destruction for any Brick depends on to its raw materials and the temperature of baking. Clayey Bricks cannot be used for façade ornamentation in places with high moisture or drastic temperature change between day and night because of mentioned problem. Due to having some special combination of compounds such as Al_2O_3 and SiO_2 as well as calcinations of raw materials in high temperatures prior to molding and during baking, Azarakhsh refractory Bricks are produced with considerable coherence rather than other construction materials. These products are unchangeable under any climatic conditions, temperature and moisture fluctuation. Therefore, its durability is tens of times higher than ordinary Bricks due to resistance to abrasion and erosion.

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THE AZARAKHSH GROUP FUTURE BASED ON EXPERIENCE



Brick provides value, scenery and history. It spreads the characteristics of intimacy and warmth in space. This element may preserve its particular identity in combination with other materials. It also provides better congruence with other materials. Such prominent characteristic of **Azarakhsh Brick** is of the unique characteristics which is the result of special design. **Azarakhsh refractory Bricks** redouble the pure and warm sense of environment. This type of **Brick** products with classic and modern arrangements in places such as coffee shops, restaurants, artistic and cultural places also redoubles the innate identity of these places.



آجر به‌ها می‌دهد . خاص و چشم‌نواز می‌کند و تاریخ ساز است ، خصوصیت گرم و صمیمی بودن را در فضا منتشر می‌کند . این عنصر در ترکیب با سایر مصالح نما می‌تواند هویت ویژه‌ی خود را حفظ نماید و هماهنگی مناسبی را با دیگر مصالح برقرار سازد . این ویژگی بارز محصولات آذرخش، از خصوصیات منحصر به فردی می‌باشد که حاصل طراحی ویژه‌ی آن است . آجرهای نسوز نمای آذرخش حس ناب و گرم محیط را دو چندان می‌کند . این نوع از محصولات آجری با چیدمان‌های

کلاسیک و مدرن در مکان‌هایی مانند کافی شاپ‌ها، رستوران‌ها و اماکن هنری و فرهنگی ، هویت و ماهیت ، ذاتی این اماکن را چندین برابر می‌کند . از این رو است که آجر خود ماهیت هنری دارد

All The top of the Azarakhsh Group, The Successful management

DETAILS

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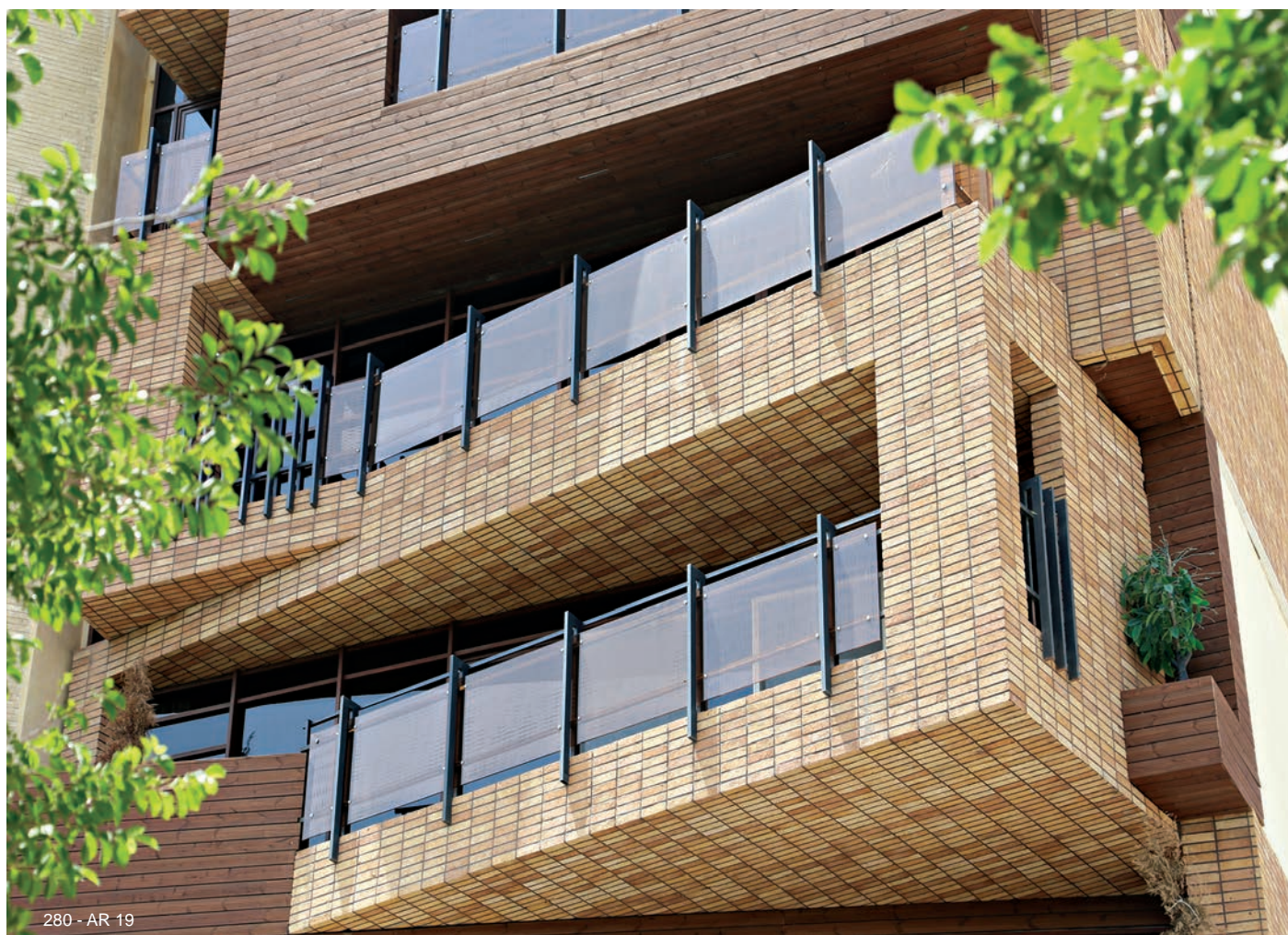


AR 81
AR 204
AR 208
AR 212



01

Exclusive Properties of Azarakhsh Refractory Bricks
One of the most important properties of **Azarakhsh Refractory Bricks** is their thermal masses. In fact, due to their high densities, they preserve heat and free such heat gradually. In other words, houses constructed with these **Bricks** become cool in summer and warm in winter since it does not let the energy be lost. One of the other properties of our **Bricks**, diversity of color may be exemplified. This color originates from color-making elements in mineral compounds. In addition, high temperature baking manifests the vast colors after production of refractory **Bricks**. These **Bricks** will then be constant from the view point of color against sunlight.



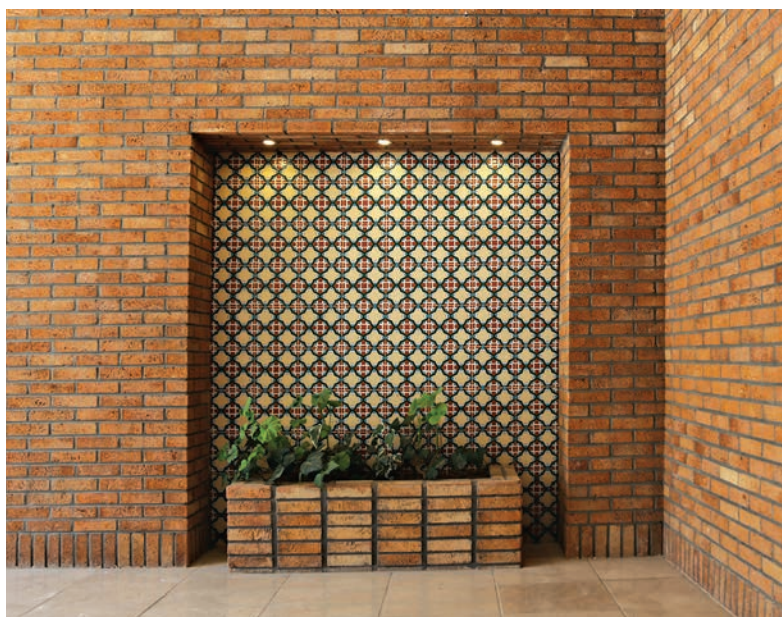
280 - AR 19

Brick Name ▶
Design Name ▶
Dimenations ▶

Rostic Refractory Brick
Random Shamuti Design
280×70×28

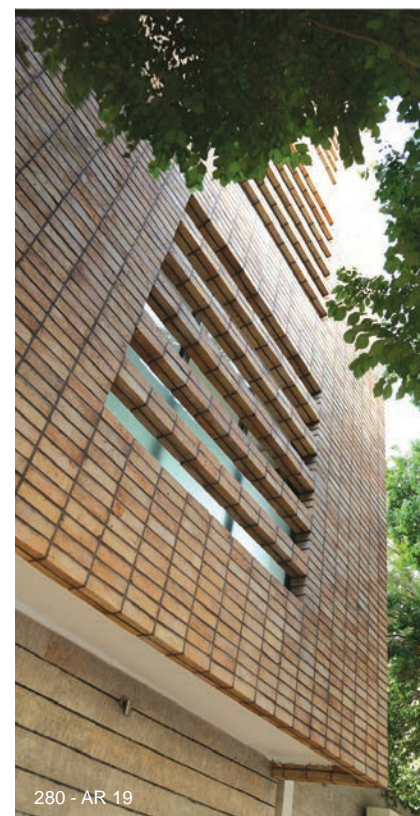
آجر نسوز رستیک ۱۹ - AR ۲۸۰
زرد شاموتی رندوم
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نام آجر ▶
نام طرح ▶
ابعاد ▶





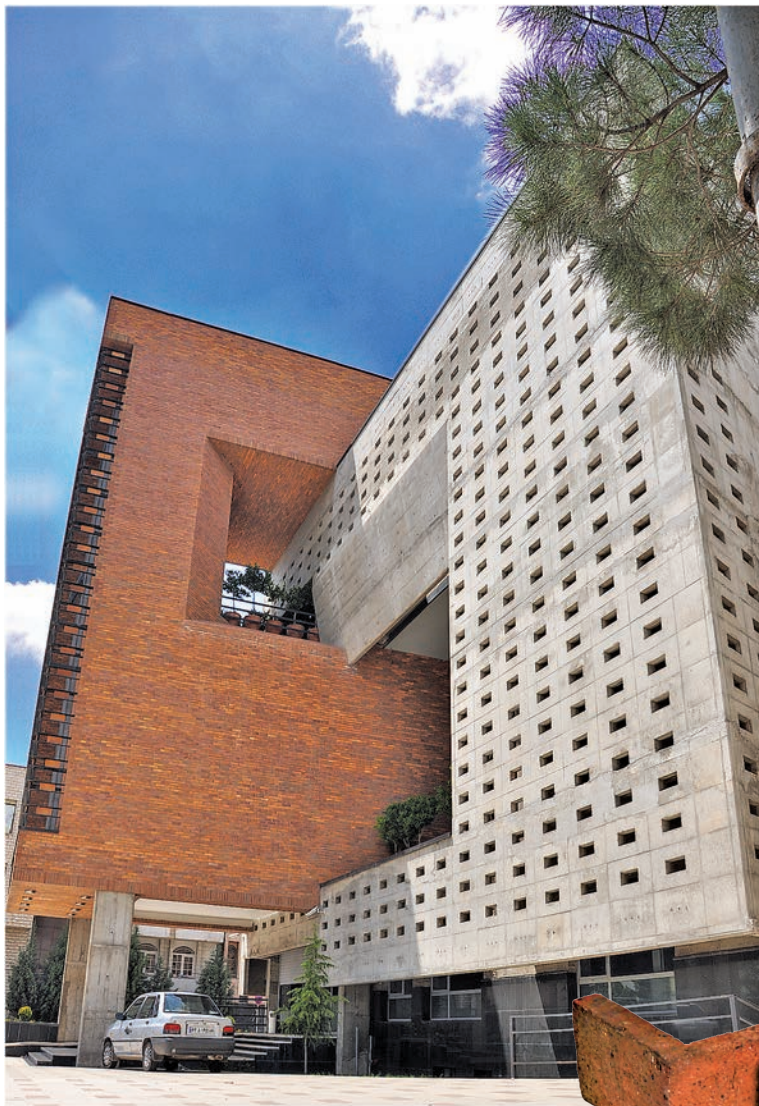
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PRECIOUS BRICKS FOR THE FACADE

The Biggest Manufacturer Of Fire-Proof Productions & Brick Face in Middle East

► A member of Brick Industry Association of U.S.A



A Brick-made building is a part of nature. Harmony not only disturbs it but also grants its scenic color and form. This type of building is always preferred and advances though passage of time. A Brick-made building like a hand-made carpet is a combination of endless elegances of artist architects.



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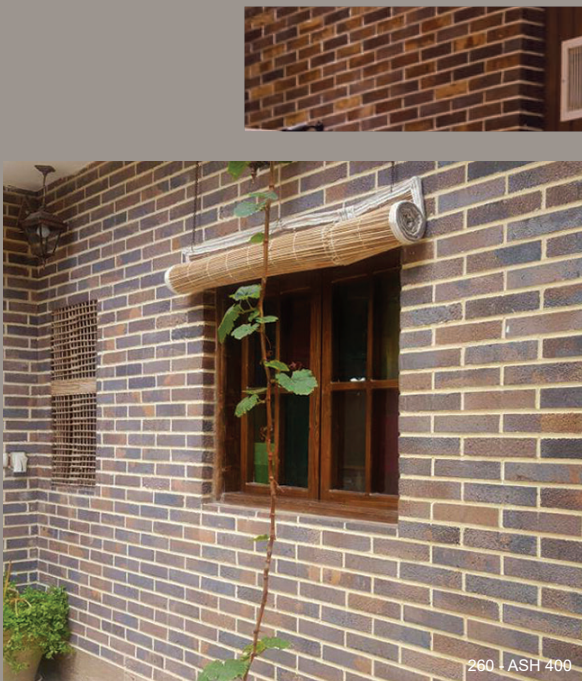
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Azarakhsh brick façade gives beauty and delight to the appearance and ultimately is a suitable view for our building. Azarakhsh façade firebrick plays the role of heat and cold isolation that prevents waste of energy produced by heat and cold systems. Depending on the material color, and exposure surface it reflex the sun heat on summers and vice versa in winter.





The most important factor for the beauty of **Brick** floors is the diversity of colors. This scenery is abundant in **Azarakhsh bricks**. The beauty of them is indebted to presence of different mineral compounds. It should be mentioned that no coloring additives are added to **Bricks** during production and baking. In addition to beauty, these **Bricks** have high compressional strength so that they can withstand under pressures up to 900 Kg/cm. substrate or ground preparation is the most important step for fixing **Brick** floor. A combination of gravel and sand with thickness of 10 cm is very important for substrate preparation. Using **Azarakhsh** flooring **Bricks** in streets and crowded spaces is an advantaged which cannot be neglected. Substrate may be filled with thickness of 10 to 20 Cm in crowded places with heavy traffic. These **Bricks** like the other **Azarakhsh Bricks** are made of naturally-occurring minerals and no chemicals are used during their production. Therefore, the water penetrates the ground due to raining or leaching is environmentally friendly. In addition, due to space of articulations between rocks during **Brick**-lying, the rain water penetrates the ground immediately and no water accumulation in passages.





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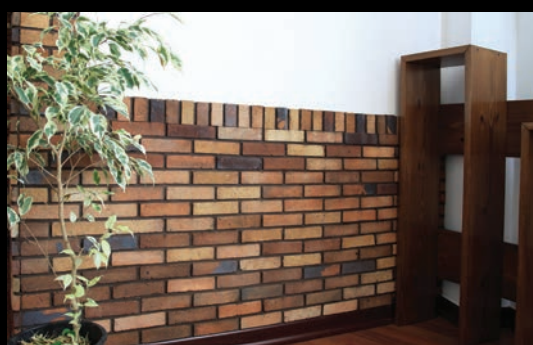
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Azarakhsh Refractory Bricks, Ideal for Beautiful Patios, Yards, Staircases and Streets

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Touch of Nature

Azarakhsh group with the support of specialized personnel and equipments and with the use of modern technologies and possibilities around the world is ready at any time that you wish to actualize your dream.

Some of the properties of Azarakhsh refractory Bricks vs.ordinary façade Brick:

- Sound and heat proof as well as refractory up to 1200 C
- Resistance to frost
- Resistance to abrasion and erosion
- Resistance to acidic rains
- Resistance to heat, cold, moisture and sunlight
- Resistance to temperature shocks (drastic changes of temperature within day and night)
- Environmentally friendly concerning non-application of environmental pollutants such as lime and asbestos
- Diversity of design and extraordinary colored mélange
- Proper water absorption for cohesion between brick and mortar
- Fixable with ordinary mortars and flooring without wet mortar
- Applicability under all climatic conditions
- Constant color



The Biggest Manufacturer Of Fire-Proof Productions & Brick Face in Middle East



Brick Name ▶ Rostic Refractory Brick
 Design Name ▶ Random Shamuti Design
 Dimenations ▶ 280×70×28

آجر نسوز رستیک - AR۲۰ - ۲۸۰
 آمریکایی
 ۲۸۰×۷۰×۲۸

نام آجر ▶
 نام طرح ▶
 ابعاد ▶





KHESHT AVVAL

خَشْتِ اَوَّل

KHESHT AVVAL ,The Famous Namie in Azarakhsh Rostic Brick

Coordination and harmony in interior architecture in accordance with diversity of colors and textures in **Azarakhsh Bricks** is a delicate experience for all ages.

ایجاد هماهنگی در معماری داخلی با توجه به تنوع رنگ و بافت در آجر های آذرخش ، تجربه ای دلپذیر برای تمام زمان هاست .







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