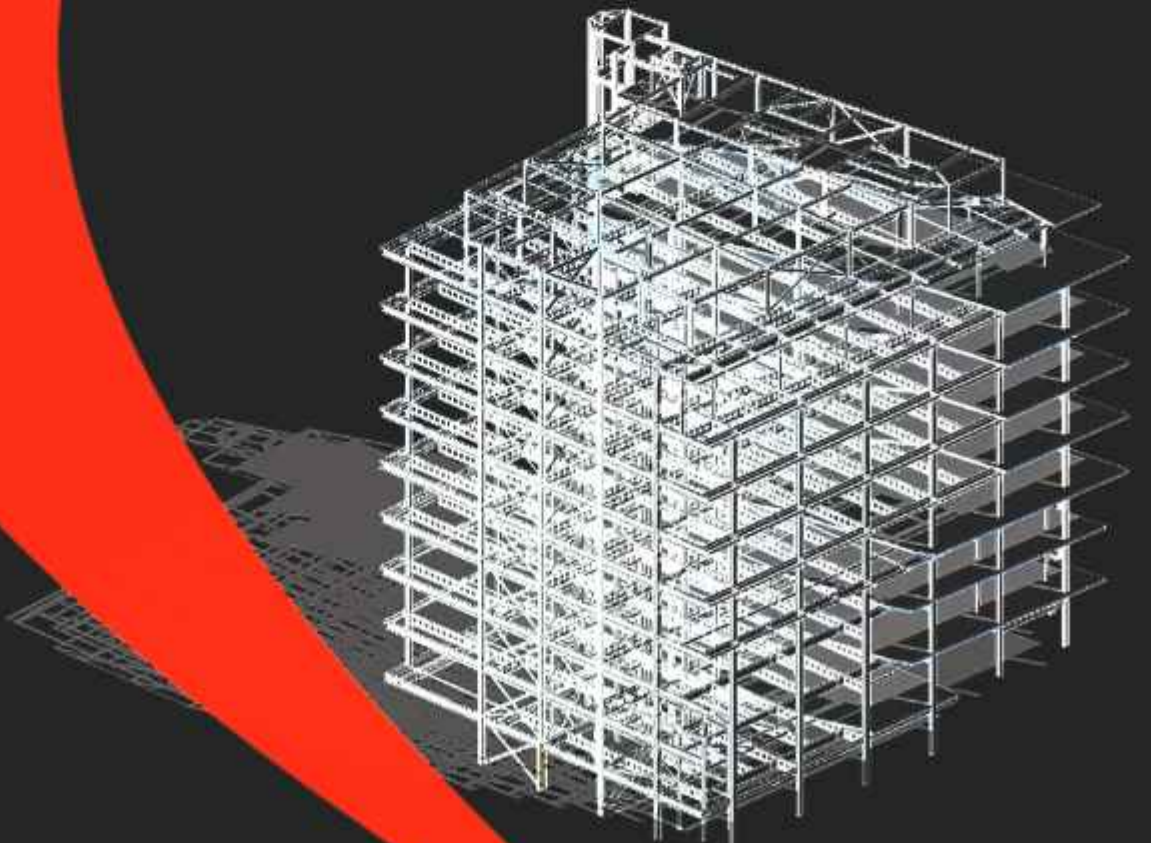


AJMM

ARMAN JAVID MAHAN LLC

FIRE RESISTANT COATING

Insulators, adhesives, new construction products





Story Line

Arman Javid Mahan Knowledge Foundation Company has been providing technical and engineering services in the field of design, supply and construction of large construction projects in national arenas for more than a decade. Taking into account the technical expectations of respected customers and considering the existing planning and potential, this company in all fields, especially the production and implementation of all types of insulation and industrial and construction coatings, passive fire protection systems and all types of concrete additives and new chemical materials is active. Mahan products with Carboline brand are produced in this company's factory.

Import & agency services the world market leader

From 2015 to 2019, this company has been operating in Iran as the only official agent of the American Carboline International Company, which is a part of RPM International Holding. This holding is known as the leader in the production market of all kinds of insulations, flooring materials and industrial and construction fireproof coatings in the world. During these 4 years, we were able to break the fireproofing record of structures inside the country to more than 1,000,000 square meters and obtain approval from the provincial fire departments.

Experience safety and durability

Reverse engineering exclusive to the most individual product in the world

During the years when it was the representative of Carboline, Mahan company established its own research and development unit and while signing a cooperation agreement with the Iranian Polymer and Petrochemical Research Institute, it conducted extensive studies on various types of imported coatings for the thermal strengthening in industry of metal structures and succeeded in Reverse engineering and formulation of the highest quality fire resistant product, the whole process of which is produced inside the country and in the factory of this company.

Obtaining fire resistance approval

This product, which is sold under the brand name Carboline, has a quality certificate from the Road, Housing and Urban Development Research Center and has approval from the fire department and safety services of the provinces of the country.



- **The start of research and production activity since 2010**
- **Obtaining agency of Carboline International Company since 2015**
- **Retrofit of more than 1,000,000 square meters of metal structures in the country**
- **Research and development unit focus on Reverse engineering studies 2015 to 2019**
- **Achieving the highest quality formula of fireproof material coating in the world**
- **Obtaining approvals from the Road, Housing and Urban Development Research Center & the provincial fire department**

Carboline fireproof material

Fire-resistant mineral-based spray insulation

This knowledge-based product is a vermiculite-based cement mixture designed to protect internal and external steel structures. The final density is 600 kg/m³ and it is used to protect against cellulose and hydrocarbon fire. It also has the ability to increase the fire resistance of concrete structures and, in addition to being used in residential buildings, it can be used in refineries and petrochemicals, marine platforms, thermal and nuclear power plants, factories, warehouses and medical centers.



Also, due to the use of high-quality vermiculite in the production process instead of other common unconventional raw materials such as perlite and polystyrene, the product has excellent adhesion and minimal waste during execution. This product has high adhesive quality & There is no need to perform primer in its apply . These reasons have made this product the highest quality fire resistant product.



Attributes:

- Easy implementation by all types of mortar spraying devices (shotcrete)
 - Lighter weight than traditional reinforcement (sand and cement)
 - Beautiful decorative surface with Concrete View
 - Ability to operate in high humidity conditions
 - Useful life of 25 years based on durability tests
 - It has a fire resistance rating of 3 hours
 - Resistant to high pressure water flow
 - Strong impact resistance without shattering
 - High quality coating
 - unflamable
 - High quality with affordability
 - Compatibility with a wide range of climates
 - Free of chloride and sulfide
 - Cryogenic protection against liquefied gas leaks
 - Protection against immersion
 - Free from asbestos and resistant to fungus
 - Explosion resistant up to 3 environmental shocks
 - Can be painted on the exterior
 - No penetration of moisture in the insulation structure
 - Continuity of the product and non-falling during structural stresses
 - Excellent physical bond with cement and other performance materials after insulation
-

Fireproofing projects

Alborz

- Zanbagh Tower (1)
- Zanbagh Tower (2)
- Yas tower
- Mikhak Tower
- Fatehi Tower
- Alborz province Court
- Shahre Abzar Tower

Khorasan Razavi

- Classic Hotel
- Social security Tower
- Orkide Tower
- Roz Tower
- Elahie Tower

Tehran

- Erfan Niayesh Hospital
- Erfan Therapeutic building
- Sharif University of Technology
- Court building of Alborz province
- Shahid Motahari University
- Royal Tower Hotel
- Pamchal Towers
- Prima Niavaran tower
- Resalat Rehabilitation Center
- Mahmudieh Tower
- Refah bank
- Muhammad Baqir University
- Mohammad Baqer College
- Asef Zaferanieh Tower
- Shariati Tower
- Mellat Tower
- Darrus Tower

Industrial projects

- Gas Stations
- Zist Takhmir Factory & Laboratory
- Barkat Pharmaceutical Factory
- Dorna Cake Factory
- Khorramdasht Factory
- Water organization generator room



Over 1,000,000
Square meters
of coating



Refah Bank



Royal tower



Erfan niayesh Hospital



Court Building of Alborz Province



Erfan tower



Central bank



Faculty of Mechanics
Sharif University



Negin bahar



Prima niavaran



MahmudieTower



Factory:

No 5, Talash Blvd, Talash 5 St
Eyvanakei Industrial Park
Semnan, Iran

Main Office:

No 3, East Ariya St, Yas Alley
Lavasaní St, Tehran, Iran

Phone: 22804602-4
P.O BOX: 1936933393

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