



# Diba Nama

Engering Architectural Facade Group

Facade/ Curtain wall/ Aluminium door & window

# Diba Nama Group

**Facade design services, curtain wall execution  
along with aluminium doors and windows**

Diba Nama company was established in 2015 by experienced engineers in the field of design and implementation of Nama. This group first started working in the field of facade design, and after a short period of time, it succeeded in implementing new building facades.

Diba Nama company with engineers graduated from leading universities of the country, as well as the production of mechanical thermal break doors and windows and construction facades of curtain wall, ceramic, dry stone, composite, etc., has the construction industry of Iran.

## Good building

شرکت دیبا نما در سال ۱۳۹۵ توسط مهندسين با تجربه در زمينه طراحی و اجرای نما تاسيس شد. این مجموعه ابتدا در زمينه طراحی نما اقدام به فعاليت نمود و پس از مدت زمان کوتاهی موفق به اجرای نماهای نوین ساختمانی شد.

شرکت دیبا نما با داشتن مهندسين فارغ التحصيل از دانشگاه های برجسته کشور و همچنین سابقه تولید پروفیل، تولید درب و پنجره های آلومینیومی ترمال بریک و اجرای نمای ساختمان اعم از کترین وال، سرامیک، سنگ خشک، کامپوزیت و ... توانسته سابقه درخشانی در صنعت ساختمانی ایران داشته باشد



## Door & Window Factory

Upvc/ Aluminium/ Curtain wall

Doors and windows as well as curtain walls are made in Diba Nama factory. They are estimated and designed by the factory engineers before the manufacturing process and then sent to the factory for production. For normal and thermal aluminium doors and windows, as well as curtain wall, famous brands such as Yatai, Akpai and Lorezno are used in this factory, and for Upvc doors and windows, different brands of aluminum are used, such as Wintek, Abayan, and Vista Fast.

The entire production line in the Diba Nama factory is dedicated to its own order and production, and the projects of other companies are not carried out in this collection, which accelerates the work and makes more doors and windows as well as curtain walls for customers. becomes dear

All the efforts of the group of engineers and workers, together with the respected management, are to provide quality doors and windows in line with the world's manufacturing standards, which will satisfy the respected professionals in all of Peru.

This is proof that the Diba Nama collection has made all its efforts to improve the quality level of the facade of the building and the aluminum or UPVC doors and windows, and it is hoped that all other Diba Nama collections will be able to meet this quality level. do

Diba Nama always has the support of the consumer in its order. Diba Nama's customers are completely aware of this.



## Glass Factory

Simple glass/ Tempered glass/ Laminate

All the projects carried out in Diba Nama are supplied by its own glass factory, and in the market, it also supplies glass to some companies and projects. Depending on the request of the client, the glass of Diba Nama factory can be plain or tempered for the project, as well as double-glazed or triple-glazed.

The glass made in the Diba Nama glass collection has excellent quality, which is far from the wave and curvature, and these glasses continue to have quality until the project and after installation. Due to the production of this set, Diba Nama glass is more affordable than other factories, which reduces the employer's costs and therefore can have an impact on the final price.

The usual suggestion of Diba Nama experts is to use toughened and toughened laminated glass, but some employers request these glasses from Diba Nama group due to the lower cost of plain glass. This is very dangerous. According to the instructions of the national building regulations, curtain wall glasses must be made of tempered and non-shattering glass, such as laminated tempered glass, so that they do not cause much damage to people when they break and fall.

All the laminated glasses in this collection are made of laminate, and under no circumstances will resin laminated glasses, which are of low quality, be used. Because of this, resin glasses have the quality that after some time they lose their ability to stick to the glass and then They also cause the glass to turn yellow for a long time.

# Khoi Project





## Khoi Project

### Aluminium Door/Handrail

Due to its office location and being a brand, this project required special attention as well as maximum accuracy and beauty in design. In Khoi project, doors and windows of commercial units as well as glass handrails were designed and implemented. All internal doors are of the type of thermal break system with anodizing color, which increases the resistance of the color over time.





### **Implementation tips of the National Building Regulations**

All the glass in the places where the glass is placed, such as the glass handrails, must be made of toughened glass and have laminated glass so that if it breaks, it will not fall on the downstream people and cause them harm.



# Damavand Project





## Damavand Project

### Aluminium Door/Glass Roof/Handrail

The glass roof in this project is one of the features of this building. In addition to the design and implementation of the glass ceiling, there are glass handrails for the stairs, which should be beautiful in terms of decorative appearance due to the use of a villa in this project.

All the glasses used, both in the glass handrails and in the curved glass, are made of colored glass or Lakobel, which are available in black in this project. The glasses of this project are laminated tempered glass with 5\*5 structure and 1.75 laminate.

The handrails in this project are of the fixed point model, which are known as exposed or exposed handrails. These handrails are connected to the outer walls of the stairs. Fix point handrails are decorative handrails.



**Technical points**

In all the places where the edge of the glass has the possibility of contact with people, the parts of the edge of the glass should be cut with a tool or so-called diamond, so as not to injure the places of the body of the will.

Glass handrails that are usually used outdoors are usually made of stainless and washable components, and they can be cleaned even with water. Among these glasses, there must be laminated taluks so that they do not cause people to fall from a height and also prevent them from falling on others.

The facing henrils are usually attached to the floor by roll bolts and have good stability, but breaking them and pushing them in the horizontal or vertical axis will cause them to break and destroy them, which will take them out of regulation.





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2016 spring

**S**harif University Project



# Sharif University Project

## Upvc Window

The project of Sharif University is one of the reconstruction projects, which is very important for this type of project. This project was replaced by UPVC doors and windows with the consent of the client due to the lack of funds to cover the cost of aluminum doors and windows. The brand of this type of doors and windows is Akpa brand, and its system is a hinged reconstruction profile series, which is more durable than other profiles in this range.

The old windows of this project are made of iron, and they were removed to restore the glass, and the brackets were cut, so that the iron window frame remains in place, and then the windows of the game series are placed on it.



**Technical points**

All UPVC doors and windows, due to the lack of alloy capabilities, must use galvanized cans to ensure the structural condition of these types of doors and windows. The use of galvanized cans is mandatory and it helps the longevity and durability of UPVC doors and windows.



# Aghdasieh Project



# Aghdasieh project

## Handrail

In this project, glass handrails have been used due to having visibility and not creating restrictions on the scope of visibility. The use of glass handrails in the roof garden has created a more beautiful atmosphere in this space. The handrail used in this project is frameless.





### **Technical points**

When the handrails are in a space where their cleaning may cause harm to people, it is better to use tools and equipment that do not harm the handrails. Facing handrails can play the role of footing due to the connection from the ground, and this increases the lifespan of facing handrails compared to burial handrails.



# Soilieh project



# Soheilieh project

## Aluminium Door/Handrail

This project is located in Karaj, Kordan region. In addition to having a handrail, this project uses aluminum doors of the 60 normal series of the Akpai brand. The color of the profile in this project is in the form of powder and is less resistant than anodizing. The opening in the normal system is a sliding one, so it takes up less space to open.





### Implementation tips

The most important point in sliding door and window systems is their regulation. If there is no regulation, it may cause them to be ineffective and they cannot be airtight and watertight. In order to make sure that it is adjusted, it is better to open and close the sliding door and window to make sure of the correct movement of the rails and also the operation of the fittings.





# Pardise project

## Aluminium Door

The doors and windows of this project are made of aluminum and thermal break, decorated with champagne anodized color. Due to the type of thermal break profile, we can see better insulation in this space in terms of sound, heat and cold, which is not available in the normal system.

Considering that the location of this project is in the cold area of Tehran, thermal break doors and windows are definitely a good option that can help the owners in saving energy. The large size of this window has caused us to use horizontal and vertical constraints to discuss the structure and dimensions of the glazing, which has increased the cost of this type of window.



### Technical points

In all doors and windows, especially thermal break doors and windows, insulation must be done in the best way after installation, because the lack of insulation of this type of door and window contradicts the main insulation of thermal breaks and they become practically useless.



# Tehrandasht Project



# Tehrandasht project

## Aluminium Door/Glass balcony

Tehrandasht is located around Karaj city, which has relatively good weather. In this project, a villa was built in this area, with a normal profile and a horse sliding system with a hinge system. The glass in this project is of the toughened type, which increases the resistance to accidents and prevents damage, and the profile type is from the Akpai brand and the sliding 60 series installed in this project.



### Technical points

1. In spaces where the glasses are frameless or frameless and the dimensions of the glass are also large, the glasses should be tempered so that they are durable and resistant to stress and impact, and at the same time break and cause damage to others. No loss of life.

2. Also, it is much better that the glasses, in addition to being tempered, should not be double-glazed with spacers, that is, they should be used between laminated glass, so that in addition to not being damaged by the tempered glass, the glasses are integrated and without separation at the time of breakage.



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# Diba Nama

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