

**WID**  
dry facade material



## **Valid Aluminum Brand**

The Valid Aluminum brand was launched in 2009 with the installation of multiple fully automatic lines and the ability to produce all custom sections. And this factory is ready to fulfill various orders of dear customers from all over the country.

Here are some of the capabilities of this company:

- 1- Ability to produce special aluminum sections and Thermal Break with the most up-to-date technology in the world
- 2- Electrostatic and anodizing staining ability
- 3- Manufacture and supply of all kinds of fittings and machines for door and window manufacturing
- 4- Advice on producing custom doors and windows

The image features a large, stylized logo for 'Valid Aluminum Brand' in the foreground. The logo consists of the word 'Valid' in a bold, black, sans-serif font, with a small orange circle above the 'i'. Below 'Valid' is the phrase 'dry facade material' in a smaller, black, sans-serif font. The background of the entire page is a photograph of a modern building with a glass facade, showing an interior with white walls, a sink, and a dog. The image is framed by abstract, curved shapes in shades of orange, blue, and yellow.



### **The Valid Aluminum brand has the following units:**

- 1- Design, production, and manufacturing of special profile molds in Iran and Turkey
- 2- 2800 ton extrusion press machine
- 3- Full automatic tape table, extrusion and cutting machine
- 4- aging furnace for 9-meter long aluminum profile
- 5- Fully automatic electrostatic paint line with robotic spraying of 7 meter
- 6- Full automatic line for producing Thermal Break profiles
- 7- Automatic labeling machine
- 8- Profile packing machine

### **Full automatic paint job line**

Using a powder coating line electrostatically, the company has been able to paint profiles up to a maximum of 7 meters.

This section contains the following units:

- 1- Chromium paint substrate equipped with tubs
- 2- Drying Furnace
- 3- Full automatic gas spray paint cabin
- 4- Preheating Furnace
- 5- Baking Furnace

## **Automatic Labeling Machine**

By applying this coating, up to the final destination (construction project), any damage to the profile surfaces is prevented and the necessary protection is provided.

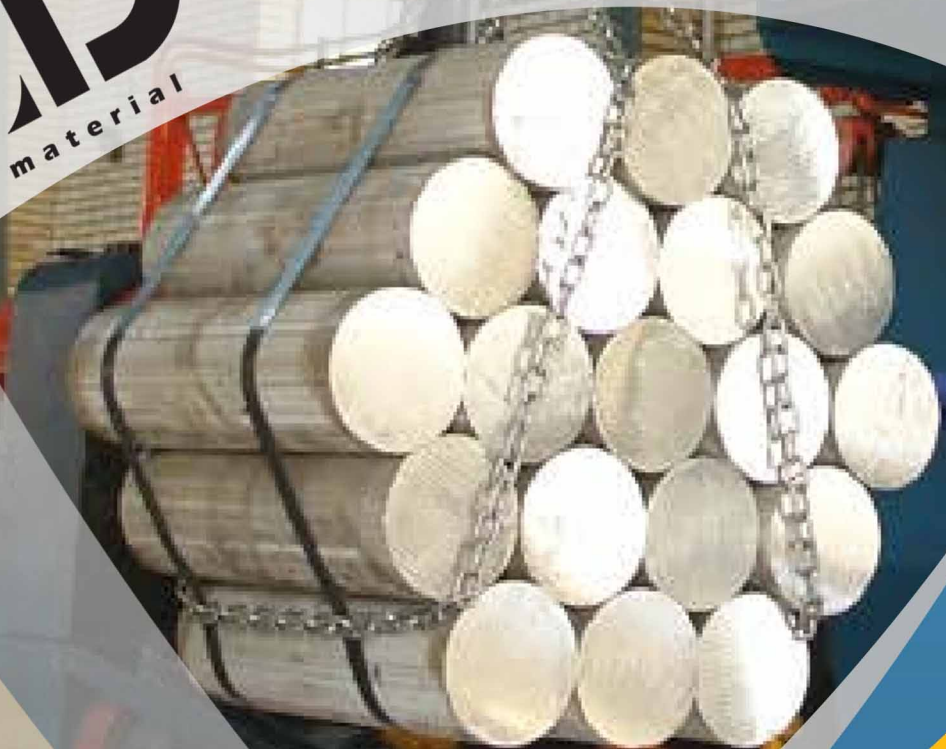
## **Thermal Break Profile Sewing Machine**

Our Thermal Break Profiles production line provides our customers with the ability to make different types of doors and windows using Thermal Break sections with equal quality to European sections.

## **Company introduction:**

Founders of the Valid Aluminum brand with 20 years of strong and continuous presence in this industry in 2009 set up a factory in all kinds of aluminum sections in accordance with international standards.

The company has set up a technical and engineering unit in 2015, after the growing and widespread change in the aluminum industry and to the responses to the various demands of the market.





The quality of all products of the Valid Aluminum brand is guaranteed for 5 years from production in terms of profile stability, color shade or anodized coating in accordance with international standards.

It is hoped that this company can take a small step towards the development of our beloved world.

### **Engineering Department**

Considering the wide range of production profiles of this company, we proudly announce that as the first Iranian manufacturer along with the leading aluminum industry in the world, we are launching and giving a unique service to our customers for the first time in the world.

Technical and Engineering Unit, using efficient and well trained personnel, using the most specialized computing and design software available in the world (ORGA DATA), receiving architectural drawings of each project and consulting with designers based on technical requirements and in accordance with national standards and international standards.

Performs precise calculations, estimation and selection of consumer profiles and other attachments such as rubber, glass, sealant, fixture and other connections And with the most economical way of calculating and minimizing the out-of-pocket consumption, it gives the customers.

### **Valid Aluminum Brand**

Upon approval of the drawings from the technical engineering unit and sent to the molding unit, the unit operates in accordance with international standards with up-to-date equipment and specialized personnel. After being approved by the quality control unit, it is sent to the plating department for increased mold strength and stability.

Titration is one of the complementary releases of the molding unit that will ensure product quality and increase customer satisfaction.



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### **Production unit**

This unit can produce all kinds of aluminum sections with the latest production machinery and highly trained specialists and provide our customers with the best quality products in the shortest time worldwide.

### **Consumables Billet**

The consumables Billet in the company's production line is the best quality domestic and foreign materials that meet all the standards required to improve surface quality.

### **Extrusion unit**

This machine is the main base for the production of aluminum profiles, including pre-heat cast billet furnaces and extrusion presses. The technology of these machines is similar to modern European technology and it guarantees the quality of production profiles.

### **Fully automatic bar bench**

This line is equipped with a smart machine and advanced automatic tables for transferring profiles produced to the stretcher machine for stretching and transfer to the tester machine for high precision cutting at arbitrary sizes.

## Fully automatic painting line

The company has been able to paint aluminum profiles in an electrostatic powder coating line, in the following process:

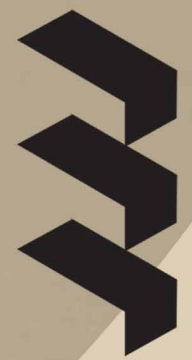
1. Chromium paint substructure equipped with tubs
- 1- Drying Furnace
- 2- Spray painting cabin with fully automatic garners
- 3- Preheating Furnace
- 4- Baking Furnace

## Quality Control Unit

After leaving the production line, the products will be inspected carefully by the quality control unit and will be allowed to exit after the product conforms to the standard and technical requirements. The precise operation of this unit will ensure the customers of all products manufactured by the Valid Aluminum brand.







### **Nitration tub**

After obtaining approval of drawings from the engineering department and sending it to the molding unit, the unit proceeds to build in accordance with international standards with up-to-date equipment and specialized experts. After being approved by the quality control unit, it is sent to the plating department for increased mold strength and stability.

Nitration tub is a complementary part of the molding unit that will ensure product quality and increase customer satisfaction. This unit can produce all kinds of aluminum sections with the latest production machinery and skilled and experienced experts and provide our customers with the best quality products in the shortest time in the whole country.

### **Aging unit**

The Valid Aluminum brand has the Aging furnaces for further strengthening of production profiles which, after proper heating, is under constant monitoring by the quality control unit for the Hardness measurement of the production process.



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