



ALUMINUM EMBOSSED PVC CASE SWING DOOR

An embossed door is a special type of door commonly used in cold storage facilities. The distinctive feature of these doors is the embossed pattern on the outer surface of the door panel. This pattern enhances the door's sealing capability, minimizing air flow and contributing to energy efficiency. It is commonly preferred in European and American countries.

THE FEATURES OF THE ALUMINUM EMBOSSED PVC CASE SWING DOOR ARE AS FOLLOWS

Embossed doors are used to provide a seal between the interior and exterior environments of cold rooms or freezer rooms. The door leaf is constructed by injecting 42 (+/- 2) density polyurethane between two metal sheets, without using any wooden materials. The door leaf thickness is 6.80 mm for cold rooms and 9.20 mm for freezer rooms.

GENERAL FEATURES

- Manufacturing processes are being done accordance European union standards. It does not contain organic products that will cause any bacteria formation.
- Cleaning equipment or cleaning chemicals doesn't deform or damage any material.
- 4 different frame options as ALUMINUM, PVC, POLY, and CR-NI frames.
- Door frames could be mounted every panel or wall that has different sizes.
- For sliding doors 5mm thick, and 3-5 mm thick support sheets are used for hinged door.
- There is a resistance in the inner frame of the freezer rooms and it can be easily changed in case of a possible malfunction.
- Our door leaf thicknesses are produced as 68 mm, 92 mm and 120mm according to the temperature value to be protected.
- Our door wings are filled with polyurethane foam with a density of 42 (± 2) kg/m³.
- In standard production, both sides are PVC sheet (optionally made in different colors and patterns), paint (in the desired RAL code) or A 304 quality stainless steel sheet (between 0.5 mm and 1.2 mm).
- Can be manufactured with or without windows accordingly your demands.
- Hanger hardware; Rail, spool, handles and the necessary accessories are of composite material and stainless steel.
- Special gasket are being used for cold storage doors on every corner.
- Additional sliding lock (inside emergency handle) or automatic locking system could be installed.
- In order to protect the door surfaces from impacts to ensure, polyethylene or stainless impact pads can be added to the inner and outer surfaces.



Density



Fire Resistant



Heat Insulation



Water Moisture Resistant



Soundproofing



Soundproofing