



MEHRAN PANEL

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کوردی العربية Русский English

Application of sandwich panel

1. Covering of wall and roof in industrial sheds (factories, saloons, warehouses and etc.)
2. Prebuild construction (hospitals, schools, industrial kitchens, villages and etc.)
3. Food, agricultural and drug industries (aviculture, dairy and cleanroom and etc.)
4. Refrigeration industries (fresh and frozen cold storages)
5. Halls (sport halls, exhibition halls and etc.)
6. Inside of buildings (separating walls, false ceiling and etc.)
7. Conex (portable offices, shelters and etc.)

Certificates



Iran national standard (ISIRI 14159)



Certificate of customer satisfaction (ISO10004:2018) by OXFORD

Certificate of export to Europe (CE) by QAL CERT



Certificate of quality management (ISO 9001:2015) by TUV



Member of Iran exporters community

Lab parameter	Range	Measure
Temperature	-200 ~ +120	°C
Heat transfer coefficient	0.02 ~ 0.22	w/mk
Pressure resistance	0.15 ~ 0.22	N/mm ²
Hidden pressure resistance	0.24 ~ 0.3	N/mm ²
Absorb moisture (in 168hrs)	0.05 ~ 0.2	Volume%
soundproofing	30	db

Specification of construction and cold storage sandwich panels by MEHRAN PANEL

1. Coating of Surfaces:

Galvanized or aluminum sheets (PPGI or PPGL) with thickness of 0.4~0.7mm in different colors (25microns of silicon with 7micron epoxy primer coating). The coating of PPGI are according to JIS 3312/9and PPGL according to ASTM D3359.

2. Kind of Surfaces:

Metal sheet/Metal sheet Metal Sheet/ Aluminum foil Metal Sheet/Thick nylon Aluminum Foil/Aluminum Foil
 Metal Sheet/Kraft Nylon/Nylon Kraft/Kraft

3. Kind of Core:

Core of all sandwich panels made by polyurethane B2 grade with density of 40±2 Kg/m3 by default according to ASTM D635.

Wall sandwich panels

- 1. Designs:** shadow line / flat / microwave / hidden screw
- 2. Thickness:** 30/40/50/60mm for construction, 80/100/150mm for cold storage
- 3. Width:** with overlap 1020mm, without overlap 1000mm (base of calculation)
- 4. Length:** adjustable 2000 ~ 13500mm

Roof sandwich panels

- 1. Designs:** 5Rib (trapezoid)
- 2. Thickness:** 20/30/40/50mm
- 3. Width:** with overlap 1080mm, without overlap 1000mm (base of calculation)
- 4. Length:** adjustable 2000 ~ 13500mm

Specification of sandwich panel



sound proof



humidity proof



fireproof



severe weather condition



light

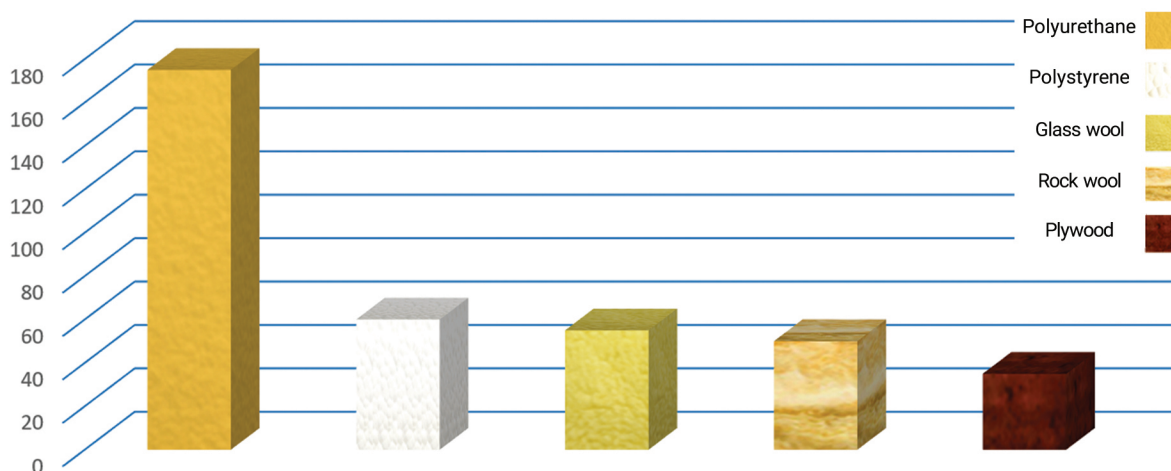


isolation



strength

Heat Resistance Comparison Table





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