

COLD STORAGE DOORS

PIR
INSULATION CORE



CS Cold Storage Panel



Product Description

Cold Store products can be used in cold storage rooms with the specially painted surface that provides full protection against bacteria. They provide an advantage in thermal insulation with strongly fitting double tongue and groove joints. In addition to cold storage wall coatings, they are applicable as ceiling coatings.

Product Application

- Fruit and Vegetable Facilities
- Dairy and Ice Cream Facilities
- Poultry and Seafood Processing Plants
- Slaughterhouses and Meat Processing Plants
- Cold Storage Warehouses

Coefficient of Thermal Conductivity

		Temperature Difference Between Inside and Outside (°C)														
PUR/ PIR	U Value	10	15	20	25	30	35	40	45	50	55	60	65	70	80	90
(mm)	(W/m²K)															
50	0.440	4.4	6.6	8.8	< 10 W/m²											
80	0.275	2.75	4.13	5.50	6.88	8.25	9.63	< 10 W/m²								
100	0.220	2.20	3.30	4.40	5.50	6.60	7.70	8.80	9.90	< 10 W/m²						
120	0.183	1.83	2.75	3.67	4.58	5.50	6.42	7.33	8.25	9.17	< 10 W/m²					
150	0.147	1.47	2.20	2.93	3.67	4.40	5.13	5.87	6.60	7.33	8.07	8.80	9.53	< 10 W/m²		
200	0.110	1.10	1.65	2.20	2.75	3.30	3.85	4.40	4.95	5.50	6.05	6.60	7.15	7.70	8.25 < 10 W/m²	

Assan Panel reserves the right to change the features of its products. The property rights of third parties must be respected. Acceptance of all orders is based on our current terms of sale and shipping. Users should always consider the latest edition of the Local Product Information Sheet for the relevant product, which can be obtained by contacting Assan Panel.

Hinged Doors

Hinged Doors	
Size (WxH)	Thickness (cm)
70x170	8
80x180	8
90x190	8
100x200	8
110x210	8
117x200	8
80x180	10
95x190	10
90x190	10
90x180	10
100x200	10
110x200	10
120x220	10

In project-based orders, production can be carried out in different dimensions.



- Assan Panel is the only company manufacturing PIR-core cold room doors, ensuring superior quality and reliability through advanced technology.
- Cold room hinged doors of cold storages are produced with special gaskets and PUR/PIR filled materials to keep heat permeability to minimum in cold rooms.
- Hinged doors are produced using polyurethane at a rate of $41 \pm 2 \text{ kg/m}^3$ in high pressure polyurethane machines containing two sheets.
- It has high performance values in thermal insulation, freeze-thaw resistance, water resistance and sound insulation.
- The surface materials of hinged type cold storage doors are manufactured as standard from polyester-coated galvanized sheet metal, painted in RAL 9002. Optionally, PVC-coated galvanized sheet metal can also be used.
- The size and thickness values of our sliding doors are shared above.

Sliding Doors

Sliding Doors	
Size (WxH)	Thickness (cm)
100x200	8
140x200	8
200x200	8
140x240	8
200x240	8
240x240	8
200x300	8
240x300	8
100x200	10
150x200	10
200x200	10
150x250	10
200x250	10
250x250	10
200x300	10
250x300	10

In project-based orders, production can be carried out in different dimensions.



- Assan Panel is the only company manufacturing PIR-core cold room doors, ensuring superior quality and reliability through advanced technology.
- Sliding doors are produced using PUR/PIR at a rate of $41 \pm 2 \text{ kg/m}^3$ in high pressure polyurethane machines containing two sheets.
- The surface materials of sliding type cold storage doors are manufactured as standard from polyester-coated galvanized sheet metal, painted in RAL 9002. Optionally, PVC-coated galvanized sheet metal can also be used.
- Sliding doors can be used not only in cold storage facilities but also in areas where thermal insulation is required.
- The sliding door can be manufactured to slide to the right or left depending on the customer's request and the project situation.
- The size and thickness values of our sliding doors are shared above.

Notes



Jordan Production Facility

Kibar Industry Plant. Thagret Eljoub - Al Mafrq / Jordan

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Balıkesir Production Facility

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İskenderun Production Facility

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