

XPS Board for cold storage

ECO-XPS Board



The feature of XPS Board

①. High quality insulation of efficiency

The thermal conductivity is $0.025 \text{ w}/(\text{m} \cdot \text{K})$. This XPS Board of insulation efficiency is 10% higher than compare with other polyethylene form.

②. Superior efficiency of compression

The XPS Board can bear the weight of concrete.

③. Specialization in toughness

XPS can keep density the quality under the construction.

Physical property data

1. The measurement result of the thermal conductivity

Thermal conductivity Testing method: JIS A 1412-2 1
Test site: Industrial Research Institute in Nagoya

Sample Name	Temperature (°C)	Thermal conductivity	
		($\text{w}/(\text{m} \cdot \text{K})$)	($\text{kcal}/(\text{m} \cdot \text{hr} \cdot ^\circ\text{C})$)
XPS	10.01	0.025	0.021

2. The measurement result of the compression

Compression Strength Testing method: JIS A 9511, JIS K 7220

Sample Name	Density (kg/m^3)	Compression (N/cm^2)	Distortion compressive stress (N/cm^2)
ECO-XPS Board	34.6	-	40.6

3. The measurement result of the density

Density method Testing method: JIS A 9511, JIS K 7222
Test site: DJK Co., Ltd

Sample Name	No.	Measure			cm ³	g	kg/m ³
		L(mm)	W(mm)	T(mm)			
XSP	1	100.0	99.9	48.0	480	16.96	35.3
	2	100.0	100.1	48.1	481	17.02	35.4
	3	100.1	100.0	49.4	194	16.33	33.1

Packing style : t=50m/m · 75m/m 600m/m × 2500m/m

Selling Agency

Ogawa Shoji Co.Ltd. 5,Kitanekoya-cho,Fushimiku,Kyoto City, Kyoto 612-8388,Japan



TEL:+81-75-605-6540 E-Mail: ogawask@ogawa-shoji.co.jp

HP: <http://www.ogawa-shoji.co.jp>