

PLYSET EXTERIOR SHEATHING BOARD

DESCRIPTION

-Plyset Exterior Sheathing is a Class A1 non-combustible exterior facade gypsum board with structural strength and durability above standards, water- and moisture-resistant, used in exterior facade wall applications with its glass fiber mat covering both surfaces.

APPLICATION AREA

-Used in exterior facade wall systems, soffit applications, wet areas and zones at risk of water exposure, ventilated facade systems, and to create a smooth substrate beneath facade cladding materials such as metal, wood and decorative brick.

WARNINGS AND RECOMMENDATIONS

- When carried by hand, gypsum boards should be carried by two people with the long edge parallel to the ground.
- If transported by forklift, the forklift must have sufficient capacity and the operator must be licensed and experienced.
- Gypsum boards must never be leaned vertically.
- In areas with high and continuous humidity, ventilation measures must be taken to discharge water vapor.
- Plyset Exterior Sheathing must not be used as a waterproofing material in any system.

APPLICATION

- Plyset Exterior Sheathing must be fixed to the profiles using purpose-made bugle-head or drill-tip corrosion-resistant screws.
- When fixing Plyset Exterior Sheathing, the spacing between screws must not exceed 20 cm.
- Plyset Exterior Sheathing joints must be treated with alkali-resistant glass-fiber joint tape together with cement-based polymer-modified joint filler and basecoat plaster.
- When determining profile spacing and type, the system to be used must be taken into account.
- Insulation material installed onto the Plyset Exterior Sheathing must be fixed to the profiles using drill-tip insulation anchors.
- In Plyset Exterior Sheathing exterior wall applications, joints must be staggered.
- A 160 g/m² alkali-resistant plaster mesh must be applied over the Plyset Exterior Sheathing. The mesh must be near the outer surface and embedded in the plaster.
- PVC-based meshed corner profiles must be used to ensure straight corners.

REFERENCE STANDARD

- EN 15283-1 + A1

STORAGE

- Spacers must be placed under the boards parallel to the short edges, starting no more than 10 cm from the edges and at intervals of no more than 50 cm, to keep the boards off the ground.
- No more than 6 pallets (max. 450 cm height) should be stacked, with the spacers between pallets aligned.

TECHNICAL SPECIFICATIONS

Nominal Thickness	12.5 mm	15 mm	18 mm
Average Weight (kg/m ²)	≤ 11,00	≤ 13,50	≤ 16,00
Breaking Load - Short Edge (N)	≥ 210	≥ 250	≥ 303
Breaking Load - Long Edge (N)	≥ 550	≥ 650	≥ 774
Edge Type	Square Edge, Tapered Edge		
Thermal Conductivity (W/m·K)	0,25		
Total Water Absorption (%)	H1	≤ 5	
	H2	≤ 10	
Water Vapor Resistance Coefficient (μ)	10		
Core Cohesion (min)	≥ 15		
Reaction to Fire Class	A1		

	Code	Width mm	Length mm	Packaging
12,5 mm	8940-H1	1200	2000	26-90
		1200	2200	26-90
		1200	2400	26-90
		1200	2500	26-90
		1200	3000	26-90
	8940-H2	1200	2000	26-90
		1200	2200	26-90
		1200	2400	26-90
		1200	2500	26-90
		1200	3000	26-90
15 mm	8941-H1	1200	2000	22-74
		1200	2200	22-74
		1200	2400	22-74
		1200	2500	22-74
		1200	3000	22-74
	8941-H2	1200	2000	22-74
		1200	2200	22-74
		1200	2400	22-74
		1200	2500	22-74
		1200	3000	22-74
18 mm	8942-H1	1200	2000	18-62
		1200	2200	18-62
		1200	2400	18-62
		1200	2500	18-62
		1200	3000	18-62
	8942-H2	1200	2000	18-62
		1200	2200	18-62
		1200	2400	18-62
		1200	2500	18-62
		1200	3000	18-62