PLYSET SOUND INSULATION BOARD

DESCRIPTION

-Plyset Sound Insulation is an interior gypsum board with structural strength and durability above standards, used in spaces where reduction of sound reverberation is desired.

APPLICATION AREA

- Used indoors in acoustic partition walls, acoustic drywall claddings and acoustic suspended ceilings.

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.
-The boards to be installed must be dry and have an even surface. Gypsum boards that have absorbed moisture or been deformed due to unfavorable storage conditions must not be used.
-Plyset Sound Insulation board is not suitable for use in damp and wet areas.
-Gypsum boards whose surface temperature exceeds 50 °C during storage are not suitable for installation.
-If wet works such as screed or plaster will be carried out after gypsum board installation, precautions must be taken to protect the boards from moisture and water.
-Application of rough plaster over Plyset Sound Insulation board is not recommended.

APPLICATION

-The metal framework of the partition wall, drywall cladding or suspended ceiling is marked on the floor or ceiling according to the plan.
-After measuring and marking, the metal framework is built to suit the application conditions.
-When gypsum boards must be cut, they are cut from the front face with a utility knife along a straight edge. The knife tip must cut through the paper into the core. The boards are then bent away from the cut, and the paper on the back is also cut with the utility knife to separate the pieces.
-After cutting, the cut edges of the gypsum boards can be smoothed with a rasp.
-Cut edges and non-chamfered edges of the boards must be artificially chamfered at approximately 45° using suitable tools.
-Artificial chamfering allows more even and easier application of the joint compound.
-At the joints, gypsum boards must be installed without gaps and screws must be set perpendicularly at a distance of at least 10-15 mm from the board edges.
-In bonded drywall cladding applications, gypsum boards are bonded to the existing wall using Plyset Drywall Fixing Coat.
-After fixing, Plyset Filler Coat is applied in 3 coats over screw heads and joints fitted with joint tape.
- Plyset Finishing Coat is applied at a maximum thickness of 1 mm (1 kg/m²) to prepare the surface for the final coating.

REFERENCE STANDARD

-EN 520+A1

STORAGE

-Must be stored in a dry, moisture-free environment on a flat floor, not in direct contact with the ground, and not exposed to direct sunlight or any external weather or wetting conditions.
-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)	≤ 11,50	≤ 14,50	≤ 16,50
Breaking Load - Short Edge (N)	≥ 210	≥ 250	≥ 303
Breaking Load - Long Edge (N)	≥ 550	≥ 650	≥ 774
Edge Type	Square Edge, Tapered Edge		
Sound Reduction Index (dB)	55		
Water Vapor Resistance Coefficient (μ)	10		
Reaction to Fire Class	A2-s1-d0		

	Code	**Width mm**	**Length mm**	**Packaging Pieces/Pallet**
12,5 mm	8950	1200	2000	26-90
		1200	2200	26-90
		1200	2400	26-90
		1200	2500	26-90
		1200	3000	26-90
15 mm	8951	1200	2000	22-74
		1200	2200	22-74
		1200	2400	22-74
		1200	2500	22-74
		1200	3000	22-74
18 mm	8952	1200	2000	18-62
		1200	2200	18-62
		1200	2400	18-62
		1200	2500	18-62
		1200	3000	18-62