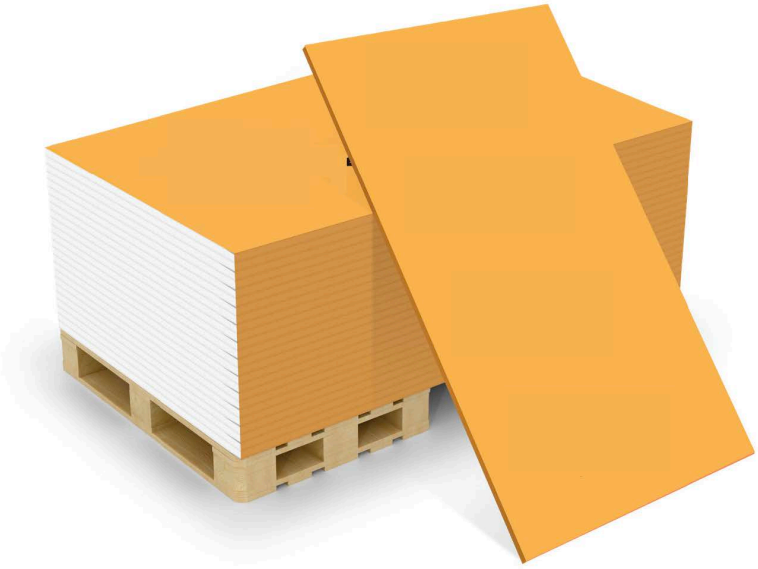


X

DURABLE, STRONG AND PRESERVATIVE EXTERIOR PLATE

Product Description

X is the type A1 fire, water and humidity resistant exterior plate that prevents mold formation with its special glass fiber mattress coating and its special gypsum.

Features

Heat and sound insulation; water, humidity and high fire resistance.

Areas of Usage

- For exterior applications, it can be used under any coating material (metal, wood, decorative bricks etc.).
- In areas that require sound and heat insulation.
- In sheathing systems.
- In ventilated systems.
- Especially preferred for fringe applications and wet areas indoors.
- In addition, it provides the possibility to be used in areas where it is an obligation to cover the exterior of buildings with fireproof materials under the related article of current fire regulations.

FIREPROOF

LIGHTWEIGHT

BREATHING

ECO-FRIENDLY

WATER RESISTANT

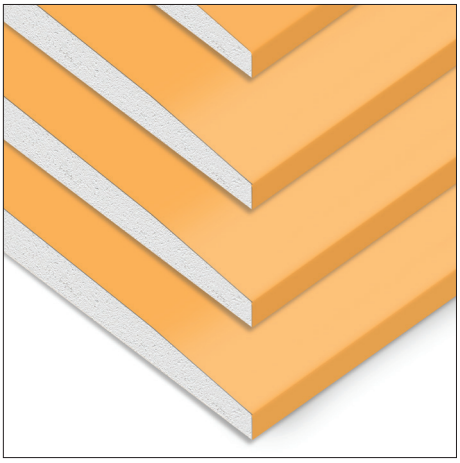
SUITABLE FOR EXTERIORS

NON-HAZARDOUS TO HEALTH

EXTERIOR PLASTERBOARD

TECHNICAL PROPERTIES

Type	Fiber Reinforced Plasterboard GM - F H1 R	
Standard	TS EN 15283-1+A1	
Thickness	12,5 mm	15 mm
Length	2400-2600 mm	2400-2600 mm
Dry Bending Radius	r ≥ 4000 mm	r ≥ 4000 mm
Bending Rupture (Perpendicular to paper fibers)	≥ 725 N	≥ 870 N
Bending Rupture (Parallel to paper fibers)	≥ 300 N	≥ 360 N
Distortion Radius	1,5 m	
Shearing Resistance	1070 N	≥ 1000 N
Total Water Absorption (As Weight)	≤5% TS EN 15283 -1 According to H1	
Mold Resistance	10 (According to ASTM D 3272-12)	
Dimensional Change Due to Humidity	0,004 mm/mRH%	
Water Vapor Permeability (Dry)	10μ	
Water Vapor Permeabiliy (Wet)	4μ	
Dimensional Change Due to Heat	0,015 mm/mC	
Thermal Conductivity Value (λ)	0,25 w/M.k	
Fire Class	According to TS EN 13501: Fireproof Building Material	
Color	Pantone 1365 c	
Smell	None	



EXTERIOR PLASTERBOARD

TECHNICAL PROPERTIES

Type	Glass Fiber Reinforced Plasterboard GM - F H1 R	
Standard	TS EN 15283-1+A1	
Thickness	12,5 mm	15 mm
Thickness Tolerance	± 0,5 mm	
Average Mass	~9,7 kg/m^2	~13 kg/m^2
Length	2400-2600	
Length Tolerance	(+0 mm)-(-5 mm)	
Width	1200 mm	
Width Tolerance	(+0 mm)-(-4 mm)	
Short Edge Deviation (for 1 m of plate width)	≤ 2,5% mm	

EXTERIOR PLASTERBOARD

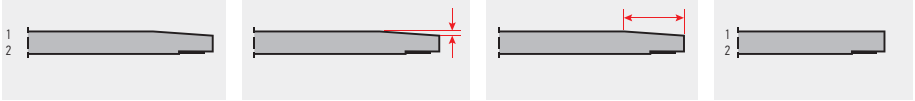
PLATE TYPES

Product	Product Code	Width	Length	Mass	Number of Units per Pallet
12,5 mm	0401125240 0401125250 0401125260	1200	2400 2500 2600	~9,7 kg/m2	50 Units/Pallet
15 mm	0402125240 0402125250 0402125260	1200	2400 2500 2600	~13 kg/m2	40 Units/Pallet

EXTERIOR PLASTERBOARD

EDGE TYPES

LONG EDGE TYPE	TAPERED DEPTH	TAPERED WIDTH	SHORT EDGE TYPE
Tapered Edge (TE)	1.2 mm	55 mm	SQUARE EDGE (SE)



1. Front Side/2. Back Side

Points to Take Into Consideration

- During the assembling, custom-engineered, corrosion resistant self-drilling or drywall screws must be used.
- During each application, the screws must be screwed with obfuscation.
- Glass fibre (self-adhesive), alkali resistant tapes must be used for the joints.
- Joints must contain cement based filler, and plaster lining must be applied to the joints.
- Water cannot be used as an insulation material.