

gyproc® X-ray protection

Lead-free X-Ray shielding board



LEAD FREE



FIRE PROTECTION



ACOUSTIC INSULATION



INDOOR AIR QUALITY



FASTER INSTALLATION



INTERIOR WALL & CEILINGS



RADIATION PROTECTION



Description

Gyproc® X-Ray Protection is a specialized, lead-free laminated gypsum plasterboard designed for effective X-ray shielding in interior buildings. Manufactured with high-density barium sulphate and other additives, this board provides reliable radiation protection while offering a safer and more sustainable alternative to traditional lead-lined boards.

Application

Gyproc® X-Ray Protection board used with Promix®/GypFill® X-Ray Protection jointing compound and Gyproc Jackpoint Drywall screw, is designed for use in Gyproc® partition, wall lining and ceiling systems to give greater radiation protection, impact & fire resistance and high levels of sound insulation.

Benefits

- 100% lead free X-ray shielding.
- Lead thickness equivalence up to 4mm.
- Fully recyclable.

Installation facts

- Lighter and easier to cut and screw fix.
- Faster to installation.
- Easy to maintain, repair and refurbish.

Manufacturing standards

EN 520:2004+A1:2009 Type D, F & I
IEC 61331-1:2014 X-ray protection

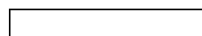
Board weight

12.5mm board 18.0 kg/m²

Color

Face Ivory with X-ray protection logo
Reverse Grey
Core Yellow

Edge



Squared edge



Tapered edge

System performance

Please refer to The White Book by Saint-Gobain Gyproc Middle East or technical specification document for system-dependent performance.

Performance

Reaction to fire	Class A	ASTM E84
Thermal conductivity	0.25 W/mK	BS EN 12664/ASTM C518

Packing information

Item code	Size	Width	Length	Edge	Weight per pc	Quantity per pallet	Loading charter
11000002922	12.5 mm	600 mm	1800 mm	Tapered edge (Longitudinal)	19.44 kg	40 pcs	1200 pcs / container
11000002923	12.5 mm	600 mm	2400 mm	Tapered edge (Longitudinal)	25.92 kg	40 pcs	920 pcs / container

HS code

6809110000 (UAE)

Ambient condition

Store and install in well-ventilated dry indoor environment between 5°C to 48°C and avoid water stagnation.

Storage

Store boards on a firm, leveled surface to prevent warping or damage. Ensure boards are kept dry and shielded from moisture, rain, and direct exposure to weather conditions.

Handling guidelines

Always carry boards vertically on edge to prevent bending or internal damage. Handling should be done by two people, each positioned at the long edge and supporting one end of the board to evenly distribute weight and reduce stress on the gypsum core.

Stacking

On leveled concrete floors, stack up to 4 pallets vertically. Avoid uneven surfaces or excessive stacking that may compromise board integrity.

Recycled content

Pre-consumer	Post-consumer
2-4%	0%

Material is 100% recyclable



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