



GYPSEMNA **SOUND PROTECT**

GYPSEMNA
GYPSUM BOARD
SP - 12.5mm



■ DESCRIPTION

Gypsemna Sound Protect (SP - 12.5mm) is an interior gypsum board consisting of a solid-set, sound-protective Type X gypsum core, enclosed in purple-coloured face paper and a strong liner back paper. The board provides enhanced acoustic performance when used in tested wall and ceiling assemblies. The long edges are slightly tapered to allow joints to be reinforced and concealed with joint tape and joint compound. Both the face and back papers are 100% recyclable.

■ BASIC USES

Gypsemna Sound Protect (SP - 12.5mm) is used in interior wall and ceiling in building applications requiring acoustic performance. The board is suitable for both new construction and renovation projects with steel framing. The boards are typically screw-fixed to steel studs spaced at a maximum of 600 mm. They can also be installed by lamination or using appropriate adhesive systems.

■ ADVANTAGES

- Acoustically tested.
- Fire-rated up to 2 hours.
- Consistently high quality.
- Uniform, flat and attractive appearance with no shadows.
- High edge hardness.
- Consistent edge tapers form perfect joints.
- High-strength core eliminates crumbling and cracking.
- Excellent thermal barrier and sound attenuation properties.
- Green certified and qualifies as a low-VOC product.

■ TECHNICAL DATA

PHYSICAL PROPERTIES

Nominal thickness	12.5mm
Nominal width	1200mm
Standard length	2400, 3000mm
Nominal weight	10.37kg/m ²
Edges	TE, SE
Colour	Purple

FIRE PERFORMANCE

Core type	Type X
Combustibility	Non combustible core
Surface burning characteristics	Class A
Flame spread	0
Smoke development	15

■ STANDARDS & REFERENCES

ASTM C1396	Product standard compliance.
ASTM C473	Standard test methods for physical testing of gypsum panel products.
ASTM C840	Standard specification for application and finishing of gypsum board.
ASTM E84	Standard test method for surface burning characteristics of building materials.
ASTM E90	Standard test method for laboratory measurement of airborne sound transmission loss of building partitions and elements.
EN 520 (Type F and D)	Standard for performance of gypsum plasterboard.