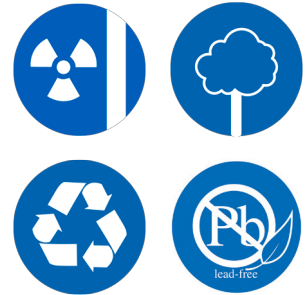


GYPROC X-RAY PROTECTION 600 Boards



EN 520



Product Description

Laminated Gypsum Plasterboard with cardboard on both sides of 12.5 mm thickness and 600 mm in width, lead-free and conveniently additivated for X-ray protection. Gyproc X-Ray Protection board has been tested according to the International Standard and certified by the Radiation Metrology Group of Public Health England for its behaviour equivalent to lead in accordance with IEC 6133-1:2014.

Application

This is a special board, which can be used as an alternative to lead boards in interior rooms of buildings requiring X-ray protection. Suitable for rooms with X-ray equipment in hospitals, health centres, dental clinics and veterinary clinics. The high density minerals, which constitute the core of the Gyproc X-Ray Protection board, provide a good sound behaviour.

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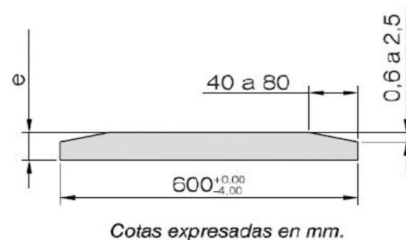
GYPROC X-RAY PROTECTION 600

| Characteristic | Value |
|-------------------------------------|--|
| Norms | EN 520, Gypsum plasterboards. Definitions, requirements and test methods |
| Board thickness | 12.5 mm |
| Board Thickness Tolerance | +/- 0,5 mm |
| Board liner color | Ivory |
| Board reverse color | Grey |
| Core plaster color | Yellow |
| Long Edge Type | Tapered Edge (TE) |
| Short Edge Type | Square Edge (SE) |
| Thermal conductivity | 0.25 W/m.K |
| Surface Hardness | Diameter of indentation ≤ 15 mm |
| Water vapour diffusion factor μ | 10 |
| Fire Reaction (EN Standard) | A2-s1, d0 |
| CE board type designation | D, F, I |
| Weight per sqm | 18 kg/m ² |

| Length (mm) | Width (mm) | Packaging Boards/Pallet |
|-------------------|------------------|-------------------------|
| 1800 ¹ | 600 ² | 40 |
| 2400 ¹ | 600 ² | 40 |

¹ Tolerance of length (mm): +0/-5,

² Tolerance of width (mm): +0/-4



Storage and conservation

The boards will be delivered shrink-wrapped. Store the boards on flat surfaces and never outdoors, keeping them covered, away from sunlight and rain both in the construction and in the warehouse. Maximum stacking of the boards: 6 pallets.

Conditions of installation

Gyproc X-Ray Protection board should not be used in areas that are subject to continuous humidity, e.g. +70% RH unless it is occasional and it should not be used to isolate humidity. Gyproc X-Ray Protection is not suitable for use at temperatures above 49°C, but it can withstand conditions of extreme cold without any risk of damage. For the correct installation it will be necessary to follow the instructions as well as the up-to-date documentation in this respect. For any query or question regarding the installation, contact your local technical Team.

Handling

During the unloading, the aperture of the forks of the forklift should be a minimum of 1/3 of the length of the board being handled, always placing the load in the centre of the forks on the forklift. Special care is advised for handling 3,000mm boards