

## Technical data sheet

Protect Board – EN 15283-1:2008+A1:2009 (GM-F, H1, I, R)

Laminated plasterboard composed of two fibreglass mat with high quality, non-combustible gypsum in the middle and treated with a water-repellent agent to lessen water absorption. Ensures maximum protection for sensitive areas with specific requirements and for which the use of traditional gypsum board is not advisable.

### Applications:

Recommended for areas that require high resistance to fire and humidity, as well as those areas with occasional exposure to water, either inside, for instance in kitchens, locker rooms, showers, pools, spa, toilets, or outside on balconies, porches or overhangs.

### Technical data:

*Compliance:* Type GM-F, H1, I, R  
*Fibreglass coating on the front:* Green  
*Fibreglass coating on the back:* White  
*Water vapour resistance ( $\mu$ ):* 26  
*Reaction to fire:* A1 (Non-Combustible)

*Longitudinal edge:* Tapered (TE)  
*Depth:* 1,5 mm [0,6-2,5 mm]  
*Width:* 60 mm [40-80 mm]  
*Transverse edge:* Square (SE)  
*Width (+0/-4 mm):* 1200 mm  
*Total water absorption:* < 5% in weight

Thickness ( $\pm 0,5$ mm)	<b>12.5</b>
Length (+0/-5 mm)	2400
Weight ( $\pm 5\%$ kg/m <sup>2</sup> )	12,0
Density (kg/m <sup>3</sup> )	960
Flexural strength (N) $\geq$ Longitudinal / Transverse	800 / 400
Thermal conductivity W/m.°C (23°C/ dry)	0,165
Thermal conductivity W/m.°C (23°C/ 50%)	0,30

### Standards:

- EN 15283-1+A1;
- CE marked according to the EN 15283-1+A1.

### Storage and use:

Keep the boards away from sun exposure and humidity.  
 Use the forklift with maximum aperture.  
 Store the pallets on flat surfaces, with original wood bearers.