



Gyprock Glasroc F

Gyprock Glasroc F is a 30mm thick, paperless, high density, square edged gypsum board designed as a frameless encasement for structural steel beams and columns to provide a fire rating of up to FRL 120/-/-. The board has been engineered with glass tissue immediately below the surface of the board and glass fibre rovings throughout the core providing excellent impact resistance. Glasroc has a smooth surface, and great moisture tolerance in partially exposed situations. Glasroc F boards are screw-fixed to one another without the need for additional framing, adhesive or fillers, allowing for quick and easy installation. Jointing and the application of decorative treatments are not required for a smooth and robust surface but may be considered for aesthetics.

Recommended Use

- Multi-residential and commercial construction projects where a fire rated encasement is required for structural steel beams and columns to provide fire protection of up to FRL 120/-/-.

Product Manufacture

Gyprock Glasroc F is manufactured for CSR Gyprock by worldwide plasterboard specialist Saint-Gobain.

Gyprock Glasroc F Specifications	
Feature	Description
Thickness	30mm
Widths	1200mm
Lengths	2000mm
Edge Profiles	Square Edge
Mass	25.5kg/m ²
Thermal Resistance	0.10 m ² K/W
Combustibility	Glasroc F is tested to international standard EN 1338-4:2013 and assessed to AS 4100 1998 AMD 1-2013 Steel Structures



Product Features



Fire-rated

Can be used for fire protection of structural beams and columns



Easy to Install

One layer with no jointing requirements



Impact Resistant

Reduces damage from soft and hard body impact



International Alliance

Delivered through the International Alliance Program



Plasterboard Finishing

Jointing and finishing of Gyprock plasterboard interior installations is to be carried out in accordance with **FIGURE 1** and **TABLE 1** in this document, and the following details, so as to provide a smooth surface for decorating. Stopping and external corner beads are to be applied to all edges subject to damage. A Level 4 Finish is generally the accepted level of finish for residential construction as detailed in AS/NZS2589.1 and is also recommended for commercial construction. This requires a three-coat system, consisting of:

- Tape and tape coat
- Second coat and
- Finish (or topping) coat.

FIGURE 1: SELECTING A LEVEL OF FINISH

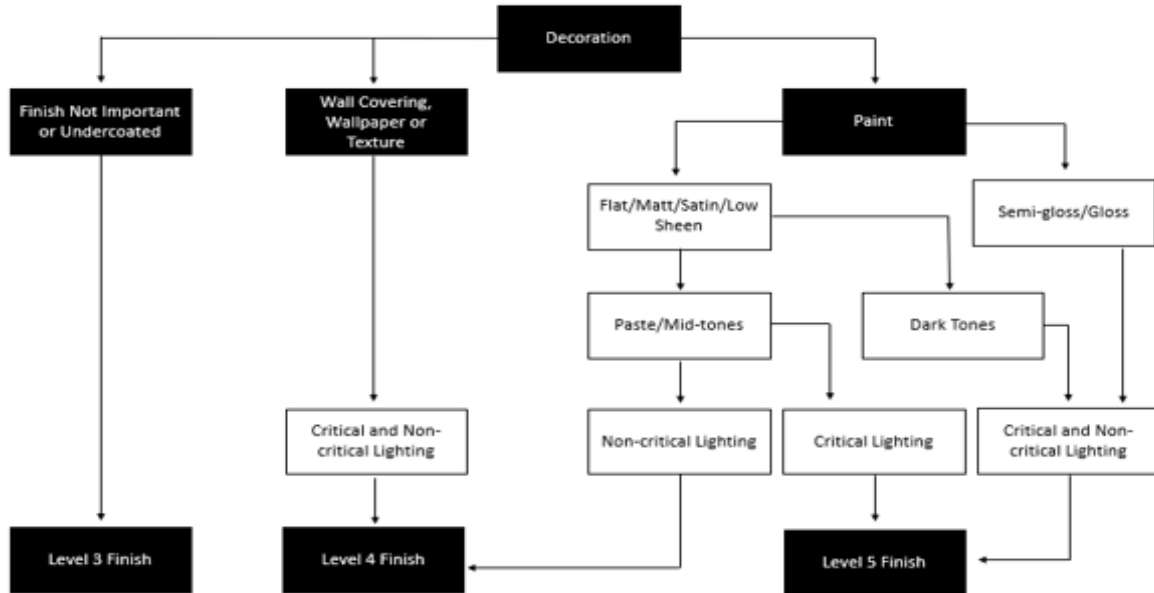


TABLE 1: JOINTING COMPOUND SELECTION – HAND OR MECHANICAL APPLICATION

Tape Coat Any of the following:		Second Coat Any of the following:		Finish Coat Any of the following:	
Product	Recoat Time	Product	Recoat Time	Product	Recoat Time
Base Coat 20*	35 mins	Base Coat 20*	35 mins	Jointmaster	24 hr
Base Coat 45*	60 mins	Base Coat 45*	60 mins	Ultra-Top	24 hr
Base Coat 60*	80mins	Base Coat 60*	80mins	Gold	24 hr
Base Coat 90*	120mins	Base Coat 90*	120mins	Easy-Finish	24 hr
Ultra-Base MR 60*	75 mins	Ultra-Base MR 60*	75 mins	Easy-Flow	24 hr
Easy Base	24 hr	Easy Base	24 hr	Less Mess Multi-Purpose	24 hr
Less Mess Multi-Purpose	24 hr	Less Mess Multi-Purpose	24 hr		
Easy-Flow	12-24 hr	Easy-Flow	12-24 hr		
Wet Area Base Coat		Wet Area Base Coat			

*Setting type compound. Do not use a setting compound over a drying type compound.

For protected exterior applications, use Wet Area Base Coat or Ultra-Base MR 60 for tape and second coat, followed by a Gyprock Finish Coat.



Manufacturing Tolerances

Nominal Thickness	30mm +/- 0.5mm
Nominal Widths	1200mm +/- 3mm
Nominal Lengths	2000mm +/- 5mm
Squareness	Cut ends +/- 3mm in the width of the board

**Subject to reasonable manufacturing tolerance

Storage

Protect plasterboard from weather and moisture. Avoid products sagging by storing horizontally, supported on a level platform or full-width support members spaced at max. 600mm centres.

Health and Safety

For further information refer to the Safety Data Sheet for this product which is available from www.gyprock.com.au or contact:

CSR Gyprock

Trinity 3, 39 Delhi Rd, North Ryde NSW 2113

Australia Phone: **131 744**

New Zealand Phone: **0800 277 123**

Installing to Standards

Installing to Standards AS/NZS2589: Gypsum linings – Application and Finishing outlines the procedures for jointing and finishing of Gyprock plasterboard in conjunction with additional details contained in Gyprock Technical Literature.

Resources

For further information on this product please visit www.gyprock.com.au or refer to the Gyprock Red Book. For technical support, contact:

DESIGNLINK™

PHONE: 1800 621 117



Through the International Alliance program, Gyprock seeks to develop exclusive relationships with leading manufacturers throughout the world to deliver the best technologies and products to the Australian construction industry.