

CSR Fireseal™

CSR Fireseal is a superior light grey sealant with high acoustic and fire rated properties, suitable for use in commercial and residential building construction. It contains a UV-indicator that glows when subjected to UV light, to enable easy identification by site inspection that the correct product has been used.

Recommended Use

CSR Fireseal is a PSA composite, non-slumping, low VOC and low modulus sealant, suitable for control joints and perimeter junctions in plasterboard walls. It is used as a fire-resistant seal around pipes, conduits, cable trays and ducts which penetrate walls and ceilings. CSR Fireseal can be applied as an acoustic sealant between common building materials such as concrete, masonry, Hebel, plasterboard, fibre cement, metals, and timber. It is recommended that CSR Fireseal is only applied when used as part of a specified Gyprock system.

Important

- Ensure substrates are clean, dry and free from oil, grease, release agents, dust and loose material.
- CSR Fireseal cures by water evaporation; therefore cure rate is dependent on humidity, ambient temperature and joint size.
- To ensure a good seal, CSR Fireseal must contact all surfaces of the joint.
- Allow 24 hours for CSR Fireseal to form a thick skin and 7 days for full cure.
- Curing rates of CSR Fireseal will extend in humid and cool conditions.
- Allow sealant to form a thick skin before flexible paint application.
- Allow sealant to fully cure before flat and/or ceiling paint application to avoid cracking.
- Always use clean tools.

Storage

Store unopened sausages below 30°C in a cool dry place away from direct sunlight. Opened sausages may skin and form a lump near the opening. Discard any lumps or skin and remaining product can be used.



Product Features



Fire-Rated

Can be used as part of a fire-rated system



Acoustic Properties

High acoustic rating when used in a system



Sealant

Highly flexible +/- 40 % joint movement capability.



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CSR Fireseal Specifications	
Feature	Description
Appearance	Neutral light grey paste
Working Time	30 min at 25°C
Packaging	600ml/900g sausage
Shelf Life	24 months from date of manufacture
Specific Gravity	Approx 1.53/ml
VOC content (as specified by GBCA)	15g/L as VOC content per material
Joint Movement Capability	+/- 40% ISO 946
Elongation at Break	900% ASTM D412
Modulus	0.15 MPa ASTM D412
Viscosity	12000 Poise
Acoustic Rating Rw	67(-1:3) AS/NZ ISO717-1
Fire Rating	For use in junctions and penetrations in CSR Gyprock wall systems rated up to 120/120/120
Isocyanate free	Yes
Halogen free	Yes
Product Manufacture	CSR Fireseal is manufactured for CSR Gyprock in Australia and made to stringent product specifications.



Installation

1. Ensure substrates are clean, dry and free from oil, grease, release agents, dust and loose material.
2. Using a caulking dispenser, extrude sealant smoothly into joint, ensuring that all substrates are well wetted out with sealant.
3. Ensure the correct depth-to-width ratio is maintained for the fire and acoustic rating.
4. Ensure tools are soaked in water and cleaned before CSR Fireseal cures. To remove cured sealant, tools will need to be soaked in water followed by mechanical action.

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.

Health and Safety

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

CSR Gyprock
Triniti 3, 39 Delhi Rd, North Ryde NSW 2113
Australia Phone: **131 744**
New Zealand Phone: **0800 277 123**

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

Manufactured For Life Warranty

Gyprock products are manufactured for life with all CSR products designed to achieve optimal performance when part of a CSR integrated system. Gyprock continues to lead the market with premium quality products which are the preferred choice of plastering professionals. Gyprock plasterboard products are manufactured to the Australian Standards AS2588 providing confidence in quality of product and support. For details on our product warranty, please log onto www.gyprock.com.au/warranty, or contact us on **1300 306 556**.



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