Product Data Sheet

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.

Product Overview

CSR FireSeal is a PSA composite, non-slumping, low VOC, low modulus, fire and acoustic sealant manufactured to stringent product specifications.

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.

Fire-rated

Can be used as part of a fire-rated system

Sealant

Highly flexible +/- 40% joint movement capability

Acoustic Properties

High acoustic rating when used in a system

Typical Applications

CSR FireSeal is suitable as an acoustic sealant between common building materials such as concrete, masonry, Hebel, plasterboard, fibre cement, metals, and timber. It can be used as a fire-resistant seal around pipes, conduits, cable trays and ducts which penetrate walls and ceilings, as well as in control joints and perimeter junctions in plasterboard walls.

*CSR Gyprock only support the use of Gyprock FireSeal sealant when used as part of specified Gyprock systems as noted in our literature.

Technical Specifications

Product Options

CSR FireSeal is available in a 600ml/900g sausage and has a shelf life of 2 years from date of manufacture.

For product availability and to place an order, contact your **nearest supplier**.

Physical & Chemical properties

Appearance	Neutral light grey paste
Working time	30 minutes @ 25 degrees celcius
Joint movement capability	+/- 40% ISO 9046
Elongation at break	900% ASTM D412
Modulus	0.15 MPa ASTM D412
Viscosity	12000 Poise
Specific gravity (H_20=1)	Approximately 1.53/ml
Acoustic rating Rw(Ct:Ctr)	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. Refer to **Gyprock The Red Book** for details
Halogen free	Yes
VOC content	15g/L as VOC content per material
Isocyanate free	Yes

Product Manufacture

CSR FireSeal is manufactured for CSR Gyprock in Australia to stringent product specifications.

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.

Health and Safety

Safety Data Sheets are available on the Gyprock web site. They are important documents in the construction industry and assist in the continuing focus on occupational health and safety on and off work sites.

Installation Instructions

Usage Notes

Substrates must be clean, dry and free from oil, grease, release agents, dust and loose material.

Extrude sealant smoothly into joint, while ensuring that all substrates are well wetted out with sealant.

The sealant cures by water evaporation; therefore cure rate is dependent on humidity, ambient temperature and joint size.

Typically, the sealant will form a thick skin within 24 hours and full cure can be expected after 7 days.

In humid or cool conditions the sealant cure will be longer.

Allow the sealant to form a thick skin before painting with a flexible paint.

To avoid paint cracking, the sealant should be allowed to fully cure before painting with flat and/or ceiling paint.

Clean Up

Clean tools and equipment in water before the sealant cures. To remove cured sealant, tools will need to be soaked in water followed by mechanical action.

Manufactured for Life

Gyprock plasterboard products are manufactured for life with all CSR products designed to achieve optimal performance when part of a CSR integrated system.

Resources

Gyprock makes available **resources** that provide comprehensive selection, design, installation and maintenance guidance.