



GSA FIRE RATED FAÇADE

CHECK CERTIFICATION REQUIREMENTS OR CONSULT THE RELEVANT CERTIFYING AUTHORITY BEFORE USE IN A FIRE RATED APPLICATION.

Description

GSA Façade fire rate is a 1-component fire resistant based on hybrid technology and is suitable for fire resistant sealing of linear joints up to 4 hours.

Key Performance Properties:

Tested according to AS1530.4 standards. Up to 4 hours fire resistance. Suitable for both linear joints as well as wall/ceiling and wall/floor connections. Can be applied to joints up to 30mm wide. Certified for both steel and timber frames. Paintable with most water based and synthetic paints. Excellent processing and easy tool ability. Joint movement up to $\pm 25\%$. Non corrosive towards metals. Good resistance to UV, water and weather. Available in 600ml sausage.

Fire rated testing certificates can be found at <https://www.cwbrands.com.au/gsa-fire-rated>

Applications:

Specially developed for fire resistant sealing of connection and expansion joints in construction which in case of fire should have certain fire resistance along with the control of fire, smoke and toxic gases.

Surface preparation:

All substrates must be solid, clean, dry, and free from grease and dust. Substrates to be cleaned from all loose absorbent substrates do not require to be absolutely dry. Very substrates like gypsum, aerated concrete, limestone etc. need to be primed with an appropriate primer. Always test adhesion prior to application. Finish and smoothed with water.

Specification:

| | | |
|-----------------------------|------------------------------|--------------------|
| 100% modulus | N/mm ² | 0.49mPa |
| Application rate | @ \varnothing 2.5mm/63 bar | 115g/min |
| Application temperature | | 5° - 40° |
| Base | | Hybrid |
| Curing Time hours | @23°C/50%RH | \pm 2-3mm/24 |
| Density | | 1.48g/ml |
| Elongation at break | | 350% |
| Fire Rating | | AS1530.1 |
| Flow | IS07390 | <2mm |
| Joint Movement | | \pm 25% |
| Open time | @23°C/50%RH | 20 minutes |
| Shore A Hardness | DIN53505 | 24 Shore A |
| Skin Formation | @23°C/50%RH | 10 minutes |
| Temperature resistance | | -40°C till + 90° C |
| Tensile Strength (DIN53504) | N/mm | 0.96Mpa |

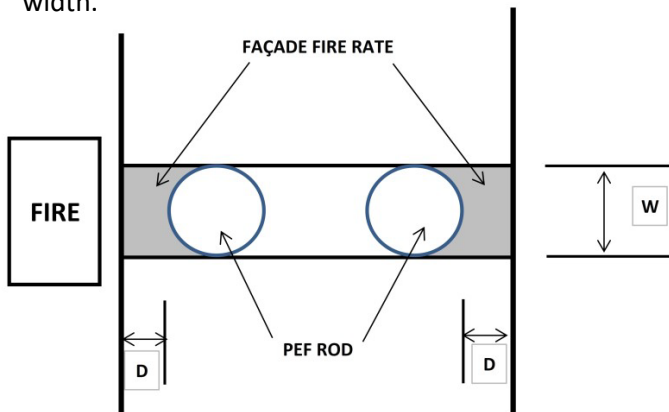




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Directions

A joint with the correct dimensions is able to absorb movement between building materials. The joint depth should always be in the correct relationship of the joint width.



Ratio of joint depth (D) to the width (W)
 5mm to 10mm joint ratio is -1:1
 Depth (D) of joint over 10mm is - width (W) divided by 3 plus 6mm

Paintability :

Only paintable after full curing of sealant. During curing, product may show shrinkage, which can cause cracking of the paint. It is recommended to test compatibility with paint prior to application.

Disclaimer

CW Brands Pty Ltd believes that the information in this technical data sheet is an accurate description of the typical uses of the product. The data and statements are based on our research and development work and is to the best of our knowledge true and accurate. The user must ensure suitability of the product(s) in their application prior to use in particular to determine its performance, efficiency and safety. The use of this product is beyond the manufacturer's control, and liability is restricted to the replacement of material proven faulty. The manufacturer is not responsible for any loss or damage arising from incorrect usage. Products conform solely to the information contained in this and other related CW Brands Pty Ltd publications.

CW Brands Pty Ltd reserves the right to make changes to specifications and information related to the products at any time. Users are asked to check that the literature in their possession is the latest issue. Statements contained herein should not be considered as a warranty of any kind, expressed or implied in describing the performance or suitability of the product for a particular application. No liability is accepted for infringement of any patents or any other intellectual property right.

Packaging

600ml sausages
 12 units per carton
 80 cartons per pallet (960 items)

Storage/Shelf life

If unopened original packaging between +5°C and +25°C, shelf life is 18 months after production date. Store in a dry place.

Limitations

Not Suitable for PE, PP, PC, PMMA, PTFE, soft plastics, neoprene and bituminous substrates.

First Aid

Please refer to the Safety Data sheet which is available at www.cwbrands.com.au/