



GSA H55FC

Product Description

H55FC is a high quality professional universal high modulus sealant and adhesive based on hybrid technology which cures under the influence of humidity to form a durable elastic rubber seal. H55FC is high modulus and highly elastic.

Applications: Specifically developed as a universal sealant for sealing construction and dilatation joints in building and construction industry. Also, a universal construction adhesive for bonding many building materials such as masonry, plasterboard, PU, PVC, hard plastics, enamel, ceramic, copper, aluminium, metals, stainless steel and timber.

Additional information

100% Modulus DIN 53504 S2 1.2 n/MM²
Application rate: Ø4 mm/3 bar 150
Application Temperature: +5°C to +40°C
Base: SPUR
Curing time @+23°C /50% RH +/- 2.5 mm /24 hours
Density: ISO 1183-1 1.42 g/ml
Elongation at break DIN 53504 S2 +/- 350%
Flow: ISO 7390 < 0 mm
Shearing strength: ISO 4587 +/- 1.12 N/mm²
Shore A Hardness: DIN 53505 50
Shrinkage: ISO 10563 <10%
Skin Formation @+23°C /50% RH +/- 15 minutes
Temperature resistance: -30°C to +70°C
Tensile strength: DIN 53504 1.5 n/MM²

Direction of use: Apply with hand or pneumatic caulking gun, maximum requires pressure is 3.5 kg. When applying avoid air entrapment. Smooth joint with putty knife. Tooling and finishing must be carried out within the skin formation time. When using as an adhesive apply in vertical stripes with 30cm distance in between. The use of 3mm thick double-sided adhesive tape is recommended to support adhesion during the first 24 hours and to ensure the correct thickness of the adhesive.

Limitations

Not suitable for PE, PP, PTFE, soft plastics, neoprene and bituminous substrates. Not suitable for natural stone or mirrors. Not suitable in combinations with chlorides (pools)

Surface preparation and finishing: Application temperature +5°C to +40°C for both environment and substrates. All substrates must be sound, clean, dry and free of grease and dust. Porous substrates should be treated with an appropriate primer.

Paintability: GSA H55FC is paintable with most water based and most 2 component paints. Synthetic paints may dry slower. Paint compatibility testing is recommended prior to application. For best results painting should be done within a few days of sealant application.

Cleaning: Uncured material can be cleaned with solvent. Cured sealant must be mechanically removed.

Packaging: 600 ml sausage

Shelf life : 15 months from production date when stored in dry, cool (between +5°C and +25°C) area in the unopened original packaging

Health and safety

Safety data sheet must be read and understood before use.

First Aid

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



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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 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.

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