



GSA POWER BITE BOND & SEAL

Description

GSA Powerbite Bond & Seal is a high quality professional universal sealant and adhesive based on hybrid technology, which cures under the influence of humidity to form a durable elastic rubber.

Features and benefits

- Universal bonding and sealing for interior and exterior use
- Permanently elastic
- Free of isocyanates, solvents and silicones
- No shrinkage and bubble free
- Resistant to UV, moisture, mould and weather
- Adheres perfectly without primer on most surfaces even damp surfaces.
- Neutral curing, almost odourless
- Non corrosive towards metals
- High mechanical resistance, end strength and E-modules
- Absorbs acoustic and mechanical vibrations

Applications: GSA Powerbite Bond & Seal was specifically developed as a universal sealant for durable elastic sealing of connection joints and joints in pedestrian walk ways in building and industry. Universal construction adhesive for bonding many building materials such as: stone, concrete, glass, plasterboard, PU, PVC, hard plastics, enamel, ceramic, copper, lead, zinc, aluminium, metals, alloys, stainless steel, HPL and cement fibre panels, wood and paint systems.

Directions of use: Apply adhesive in vertical stripes with 10-20cm between stripes. Do not apply adhesive in dots! The use of 3mm double sided tape is recommended to support the adhesion during the first 24 hours and to make sure the thickness is correct.

Limitations

- Not suitable for PE, PP, PC, PMMA, PTFE, soft plastics, neoprene and bituminous substrates
- Not suitable for natural stone and mirrors
- Not suitable in combination with chlorides (pools)

Surface preparation and finishing: Application temperature +5°C to +25°C (applies to environment and substrates). All substrates must be sound, clean and free of grease and dust. Bond & Seal adheres perfectly without the use of primer on non-porous substrates. Always test adhesion prior to application. Use Finisher to smooth the joint.

Paintability: Bond & Seal is paintable with most water-based and synthetic paints. We recommend resting compatibility with paint prior to application. If Bond & Seal is being painted over (not necessary), we recommend slightly sanding the sealant and the junction surfaces prior to use with a fine grade sand paper. For the best results, we recommend painting a few days after application.

Clean up

Uncured material and tools can be cleaned by using solvent cleaner. Cured material can only be mechanically removed. Hand can be cleaned with a solvent cleaner or wipes.

Colours: White, grey and black



TECHNICAL DATA SHEET



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Additional information

100% modulus	DIN 53504 S2	1,15 N/mm ²
Application rate	@2,5mm/6,3 bar	150 g/min
Application temperature		+5°C to 40°C
Base		Hybrid
Curing time	@+23°C/ 50RH	Approx2-3mm/24hrs
Density	ISO 1183-1	1,58 g/ml
Elongation at break	DIN 53504 S2	400%
Flow	ISO 7390	< 2mm
Frost resistance during transportation		Up to -15°C
Joint movement		25%
Shorea Hardness	DIN 53505	45
Skin Formation	DBTM 10.00	10 mins @+23°C/50%
Temperature resistance		-40°C - to +90°C
Tensile strength	DIN 53504 S2	2,40 N/mm ²

These values are typical properties and may vary +/-3%

Packaging: Cartridge 290ml

Shelf life and storage

Store between +5°C and +25°C and in shaded conditions. Shelf life is 18 months when stored as recommended in original unopened packaging.

First Aid

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

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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