



GSA CONSTRUCTION ADHESIVE

Description

A one component, high performance, paste like construction adhesive sealant formulated to bond a variety of common construction materials. It has strong initial grab, superior adhesion and will not slump on vertical surfaces

Applications: Ideal for bonding of skirting boards of wood and PVC, particleboard, masonry, galvanized iron, steel, concrete, fibre cement sheeting, brick, concrete and flooring panelling. It is also safe to use on foamed polystyrene and mirror backed tiles.

Specification

Appearance: Thick Paste Colour Brown

Solids Content: 77 %

Thixotropic Specific Gravity: Approx. 1.16 ± 0.01 g/mL

Open Time: Max. 40 mins. at 23°C and 50% R.H.

Curing Time: 24-72 hours depending on temperature and porosity of substrate

Water Absorption: Does absorb water to a certain extent which lowers the mechanical properties. Not to be used for constructions that will be exposed to severe water immersion.

Lap shear strength: 4.43 N/mm² (Wood to wood)

Application Temperature: -20°C to 38°C

Service Temperature: -30°C to 60°C

Freeze/Thaw Stability: 5 Cycles

Coverage: 400-1000g/m² depending on the smoothness and porosity of the surface and desired strength of the construction to be glued.

Directions: Surfaces must be clean, dry and free of dirt, grease, oil or water. Cut tip off and puncture the internal foil seal with nozzle. Cut nozzle at 45° angle to desire bead width and apply to substrate with cartridge gun. For a neat finish, apply masking tape and remove it before construction adhesive sealant has skinned over.

Construction adhesive sealant can be applied either as a two-way contact or a one-way wet stick adhesive (recommended for heavier panels or those that are formed to place a loading or stressed memory on bond line).

Two-way contact: Press firmly over entire surfaces to transfer adhesive and then pull both surfaces apart. Allow to tack off for few minutes (3-5 minutes depending on weather conditions) and reposition and press firmly together. Contact areas should be tapped with a hammer and padded block to ensure intimate contact.

One Way method: After applying adhesive and bringing substrates together, they should be sufficiently clamped, nailed or screwed in a fashion that maintains maximum surface contact at bonded interfaces. Mechanical fastening should be retained if highly stressed, but can be released after a minimum of 24 hours. Any wet or partially wet adhesive can be removed with a piece of cloth. Dried adhesive is best removed with scraper or by sanding.

Limitations

Do not use for epoxy or silicone, plastic, painted surfaces, varnished surfaces, sheet goods, wood flooring or ceiling applications. Do not use when substrate temperatures fall below 5% and / or substrate temperatures are above 50%, when freezing, rain, or on surfaces that are wet, oily, greasy, dusty or dirty. Research all installation instructions and read entire label for safety, health & environmental information prior to use.

Packaging / Coverage

300gm cartridge. Carton: 24 cartridges Pallet: 144 cartons.

A 300gm cartridge will cover 15 metres of 6mm bead.





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Storage/Shelf Life

Highly flammable, keep away from heat source or naked flames. Store in a dry and cool place with temperature below +30°C. Use within 12 months from date of production.

Health & Safety

Avoid contact with eyes, skin and mouth.

In case of contact with eyes, flush with water immediately for 15 minutes.

If irritation persists, seek medical attention.

Keep out of reach of children. Use in well ventilated areas.

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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