

MAKSEAL CONSTRUCTION ADHESIVE

TECHNICAL DATA SHEET

SOLVENT BASED CONSTRUCTION ADHESIVE

Makseal Construction Adhesive is a multi-purpose, polystyrene safe synthetic rubber based adhesive which bonds to different building materials for internal and external applications.

RECOMMENDED USES

- Adhesive designed for general purpose construction materials
- As a superior adhesive for the installation of wall and floor panels
- Adhere timber, metal & other materials to concrete, plaster or other firm facades
- High strength application for gap filling requirements where single use is needed
- Adheres to timber, metal, cement/plaster sheets to timber or metal studs
- Use on wood/steel battens or other fixings to brick, wood or concrete panels/walls
- Suitable for use on polystyrene foam

FEATURES AND BENEFITS

- Flexibility, high modulus and high strength
- Polystyrene safe (will not affect polystyrene foam)
- Water resistant and paintable
- Can be applied to green timbers or timbers that are damp
- Easy to use on polystyrene products
- Adheres to most surfaces
- Easy gunning and quick to cure
- General purpose use for interior and exterior areas
- Bonds instantly on contact

- Adds rigidity and stiffness to help eliminate movement
- Australian Made and Australian Owned

APPLICATION INSTRUCTIONS

Clean all surfaces and ensure the area is dry. Unscrew the cap and pierce the end of the tube with the reverse end of the cap. Screw in the nozzle and cut at a 45° angle. Clean any contaminated area surfaces with a wire brush. Any painted surfaces should be sanded for the length of studs or joints. Where applying to flat sheets, space beads 200-400mm apart. Fix one panel at a time.

Makseal Construction Adhesive can be applied as a one or two-way wet stick adhesive.

ONE-WAY “WET “STICK APPLICATION:

Use this process if one component is porous. Apply adhesive to either surface section and press together and hold with tape or clamp for 24 hours or until the adhesive sets. Fix floor or wall sheeting in accordance with manufacturer's instructions.

TWO-WAY “WET “STICK APPLICATION:

Apply adhesive to either surface, press against other surface to transfer adhesive, then pull both surfaces apart. Allow the adhesive to tack off for 4-5 minutes, then join by firmly pressing together to ensure surfaces are bonded. Apply pressure. After using the Makseal Construction Adhesive wipe the nozzle clean, remove the nozzle from the tube and replace with cap.

GENERAL APPLICATION:

Cut the tip of the nozzle at a 45° angle to give a 5mm bead. Open cartridge, attach nozzle and place into a caulking gun.

PRECAUTIONS

Whilst **Makseal Construction Adhesive** can be applied to damp timbers, free water will inhibit bond development. Ensure the time surface is free of water. **Makseal Construction Adhesive** should not be exposed to direct sunlight.

PACKAGING

Makseal Construction Adhesive is supplied in 320gr and 920gr cartridges.

SHELF LIFE

Makseal Construction Adhesive has a shelf life of 12 months when stored in a cool dry place in original containers.

CLEAN UP

Makseal Construction Adhesive can be removed from contaminated surfaces by using a suitable solvent. Xylene or Toluene or general-purpose thinners are suitable for this purpose. Cured

adhesive can only be removed by mechanical means.

HEALTH AND SAFETY INFORMATION

Makseal Construction Adhesive contains flammable solvents. Use only in well ventilated areas away from heat, sparks and naked flames. Avoid contact with skin and eyes and avoid breathing vapours. Warning – DO NOT deliberately sniff any adhesive. Sniffing may harm or kill you. If swallowed, DO NOT induce vomiting – give a glass of water and contact a doctor or Poisons Information Centre. If skin contact occurs, wash skin thoroughly. If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor. If inhaled to excess, apply artificial respiration if breathing ceases. Please refer to full Safety Data Sheet for this product, which is available from Makrete Building Solutions.

TECHNICAL SUPPORT

Makrete manufactures a comprehensive range of high-quality, high-performance construction products. In addition, Makrete offers technical support and on-site advice to specifiers, end users and contractors.

| TYPICAL PROPERTIES | |
|---------------------|--|
| Appearance | Thixotropic paste |
| Colour | Pale Beige |
| Viscosity | 100-200,000cps |
| Slump | Minimal |
| Solids | Approx. 67% |
| Specific Gravity | Approx. 1.1 |
| Open Time | 10 mins to 1 hour depending on temperature |
| Cure Time | 7 days at 25°C and 50% RH |
| Service Temperature | 80°C (maximum) |

CONTACT & TECHNICAL SUPPORT

Makrete Pty Ltd
ABN: 14619437204
PO Box 50, Montmorency, VIC
3094
Ph: 1300 911 161
E: admin@makrete.com.au
W: www.makrete.com.au

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| PRODUCT | MAKSEAL CONSTRUCTION ADHESIVE |
| Issue Date | JUL 2023 |
| Issue No: | 1 |
| Item Code Large: | MAKS40 |
| Item Code Small: | MAKS41 |
| Size | 320gr and 920gr |

Product disclaimer

This Technical Data Sheet (TDS) summarises our best knowledge of the product, including how to use and apply the product based on the information available at the time.

The TDS should be carefully read and consider the information in the context of how the product will be used, including in conjunction with any other product and the type of surfaces to, and the way, the product will be applied.

Our responsibility for products sold is subject to our standard terms and conditions of sale. Makrete does not accept any liability either directly or indirectly for any losses suffered in connection with the use or application of the product whether or not in accordance with any advice, specification, recommendation, or information given by it.

The information and any recommendations relating to the application and end-use of all MAKRETE products are provided in good faith based on MAKRETE's knowledge and experience of the products. In applications, the differences in materials, and variances of substrates and actual site conditions can vary such that no warranty in respect of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be taken as inferred either from this information, or from any written recommendations, or from any other advice offered by MAKRETE. The proprietary rights of third parties must be observed. All orders are accepted subject to our sale terms and conditions.

It is recommended that all products be properly stored, handled and applied in accordance with the printed literature (TDS).

PLEASE CONSULT OUR TECHNICAL DEPARTMENT FOR FURTHER INFORMATION.