MAX GRAB SMP

High strength flexible adhesive



DESCRIPTION:

RLA MAX GRAB SMP is a high-tack, high grab, non-slump elastic adhesive based on hybrid polymers. MAX GRAB SMP is ideal for a vast range of interior & exterior applications and can be applied to damp substrates.

FEATURES & BENEFITS:

- Solvent free, very low odour, and chemically neutral
- High initial grab and rapid development of final bond
- Instant grab - can minimise the need for additional clamping or other mechanical supports
- High mechanical and dynamic stress resistance
- Primerless adhesion over most substrates
- Good resistance to light, weather, and ageing
- Suitable for internal and external applications
- Can be applied to damp surfaces

USES:

- General sealing and bonding of building elements
- Sealing/bonding in the plumbing industry
- Assembly of materials where a powerful elastic adhesive is required
- Most types of wall cladding, direct wall studding, internal wall surfaces or timber battens

SUBSTRATES:

- Concrete
- Masonry
- Fibre cement sheet
- Timber
- Ceramics
- Plasterboard & Blueboard
- Metals including aluminium, copper and stainless steel
- PVC & plastics

Important: It is always suggested to conduct "Pre-Adhesion" tests on substrates to ensure an adequate bond is achieved. Contact RLA Technical Department for advice on suitability over surfaces not mentioned above

AVAILABLE COLOURS:

Grey, Black, White

SURFACE PREPARATION:

May be applied to damp surfaces. For optimum adhesion, surfaces must be clean, dry, sound and free from loose particles, dust, oils, rust, and any contaminants that may inhibit adhesion. Where oils may be present, clean the surface using a non-oil based solvent cleaner.

APPLICATION:

- Cut the nub on the cartridge to the desired bead width and screw on nozzle
- Insert the cartridge into the caulking gun
- Hold the caulking gun at a 45° angle with the nozzle in contact with the item to be bonded
- Apply a bead of adhesive to one or both surfaces to be bonded
- For larger bond areas, apply parallel beads at approx. 100mm spacing, so that after joining the parts an aerated gap remains between the beads
- Bring the two components together immediately. Sufficient working strength will normally develop in 20 minutes

COVERAGE:

Width x depth of bead/joint (mm)	Linear metres per 290mL cartridge
5 x 5	17.6
8 x 6	9.1
10 x 8	5.5
15 x 10	2.9
20 x 12	1.8
25 x 15	1.1
30 x 15	0.9

CLEAN UP:

- Remove excess adhesive immediately with RLA Tradie Wipes or mineral spirits.
- Ensure surface is solvent resistant before cleaning. Cured adhesive can only be removed mechanically

PACKAGING:

- 290mL cartridges

STORAGE/SHELF LIFE:

- Store in a cool, dry place away from direct sunlight
- Best stored in conditions under 28°C
- Shelf life is 12 months from date of manufacture when stored in accordance with above recommendations

LIMITATIONS:

- Not suitable for bonding polyethylene, polypropylene, Teflon' or nylon.
- Not recommended for sheet laminate.
- Do not use as a structural glazing adhesive.
- Not suitable for use for bonding plastics that are sensitive to stress cracking.
- Not recommended for prolonged exposure to water
- Contact with bituminous or tar containing surfaces can lead to discolouration.
- Staining on natural stone may occur.
- If 2 nonporous substrates are glued, the maximum width of the compressed bead should not exceed 15 mm
- When bonding to copper or brass, please consult the RLA Technical Department for priming details

HEALTH AND SAFETY:

For information and advice on the safe handling, first aid, storage and disposal of chemical products, users must refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

TECHNICAL DATA:

PROPERTIES	
Consistency	Non slump
Colours	Grey, Black, White
Shelf life	12 months when stored as recommended in original unopened containers
Packaging	290mL cartridges
Specific Gravity	1.5g/ml
Skin Time @ 23°C 50% RH	5-10 min
Cure Rate @ 23°C 50% RH	3mm /1st day
Modulus at 100% Elongation	>2.5MPa
Tensile Strength	2MPa
Elongation at break	250 – 350%
Shore A Hardness	65 – 70
Application Temperature	+5°C to +40°C
Service Temperature	-40°C up to +90°C

WARRANTY STATEMENT:

RLA Polymers guarantees this product against manufacturing defects and guarantees it to be manufactured to our published specification.
We certify that this product is suitable for use when fully cured and will perform as described in our technical data sheet or other published materials.
RLA Polymers will replace the product free of charge when purchased from any legally verifiable source and where a product is proven to have been stored, handled, and installed according to instructions published on our packaging and within the stated shelf life. The Installation of all materials must be carried out in accordance with relevant Australian Standards.
Warranty doesn't apply if damage, loss, failure to follow instructions, or other circumstances are out of our control.
Sufficient time and access to investigate any complaint must be accorded to RLA Polymers.
The consumer is responsible for any expenses incurred in making a claim.
A claim form can be requested by:

PHONE: 1800 242 931
EMAIL: info@rlapolymers.com.au
MAIL: 215 Colchester Road Kilsyth Victoria 3137 (Attention Customer Service)
WEBSITE: www.rlapolymers.com.au

AUSTRALIAN CONSUMER LAW:

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality, and the failure does not amount to a major failure. The benefits under our warranty are in addition to other rights and remedies available to the consumer under the law in relation to the goods and services to which the warranty relates.

DISCLAIMER:

All statements and technical information contained herein are based on tests we believe to be reliable, but the accuracy thereof is not guaranteed.
Users assume all risk and liability resulting from the use of the product and must confirm the suitability thereof by their own tests. Conditions of Sale contain a limited warranty against manufacturing defects.

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