



MAX SMP Crystal Clear

Crystal clear transparent, fast-curing adhesive-sealant based on RLA's SMP polymer formulation.

PRODUCT:

MAX SMP Crystal Clear cures to provide a flexible, crystal-clear seal. The transparent properties of MAX SMP Crystal Clear make it ideal for use in the sealing/bonding of glass elements in a wide range of interior applications where a transparent bond is required. Typical uses include bonding glass panes to aluminium or anodised frames. This adhesive is compatible with metals and most materials used in construction work.

ADVANTAGES

- A crystal-clear polymer sealant ideal for transparent bonding
- Advanced SP polymer formulation- a green alternative to traditional PU adhesives
- Does not contain solvents or isocyanates-very low odour
- Excellent adhesion to a wide range of materials including metals, glass, PVC and concrete

APPLICATION INSTRUCTIONS

Substrates

Most building substrates. For example, treated wood, PVC, plastics, etc.

Preparation

Always carry out a test to confirm compatibility prior to use. Surfaces to be bonded must be clean, dry, dust-proof and degreased.

Application

Cut off end of thread with a sharp knife, avoiding damage to the thread. Trim the nozzle to the required diameter. Ensure good contact between the joint surfaces before applying adhesive. Apply a bead of adhesive to one or both surfaces. For larger bond areas, spread the adhesive immediately using a notched spreader.

Bring the two components together immediately and hold together for at least 5 minutes until sufficient bond strength has developed. Sufficient working strength will normally develop after 5-10 minutes.

Typical Properties	
Specific Gravity	1.04 g/ml
Consistency	0mm, non-sagging
Skin Time	~10 minutes
Cure Time (at 20 ° C)	~ 3.5mm/1 st day
Modulus at 100% Elongation	~0.6 N/mm ²
Elongation at Break	~240%
Shore A Hardness	30
Application Temperature	+5° C to +40 ° C
Service Temperature	-40 ° C to + 80 ° C
Storage	Store in shaded dry conditions between +5° C and + 25° C
Shelf Life	12 months when stored as recommended in original unopened containers

ESTIMATING

Packaging

MAX SMP Crystal Clear is supplied in pre-weighed 310g cartridges (25 per carton).

CLEANING

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

Coverage	
Width x Depth (mm)	Linear metres per 310ml Cartridge
5 x 5	12.4
8 x 6	6.5
10 x 8	3.9
15 x 10	2.1
20 x 12	1.3
25 x 15	0.8
30 x 15	0.7

Limitations

As mirror composition can differ between various manufacturers, we recommend a test in each case to confirm suitability.

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 should not exceed 15 mm.

When bonding to copper or brass, please consult RLA Polymers technical services for priming details.

HEALTH AND SAFETY

Safety Data Sheet must be read and understood before use. Use in well ventilated conditions and ensure all recommended protective equipment is worn during handling & use of this product. For full recommendation, refer to the safety data sheet.

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 install 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 the relevant Australian Standard and the Floorcovering Manufacturer's instructions, and the floorcoverings must have been subject to normal traffic conditions.

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](tel:1800242931)

EMAIL: info@rlapolymers.com.au

MAIL: [215 Colchester Road Kilsyth Victoria 3137](mailto:215ColchesterRoadKilsythVictoria3137)
(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

Version: 1

Issue date: 06/04/2023

RLA Polymers Pty Ltd ACN 004 709 915

Head Office
215 Colchester Road
Kilsyth, Victoria, 3137
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363 Wentworth Ave
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Unit 2/7 Berger Road
Wingfield, SA, 5013

Western Australia
24 Hanwell Way
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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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