

GECO



UNISEAL ACRYLIX 502

ACRYLIC SEALANT FOR INTERIORS



ELASTIC



WATER
RESISTANT



PAINTABLE



NON-CORROSIVE



Description

UNISEAL Acrylix 502 is a plasto-elastic acrylic sealant for interior applications. Specially formulated for connection joints, gaps and cracks, it adheres to full range of construction substrates. Paintable once cured, it integrates cleanly into finished surfaces and holds reliably wherever flexible, durable sealing is required.

Features



Elastic

Movement capability up to 15% of the original joint width



UV Resistant

Resists sunlight exposure without losing performance



Water Resistant

Prevents water ingress through sealed joints and cracks



Strong adhesion

Adheres to many porous surfaces including PVC, aluminium and wooden surfaces



Non-corrosive

Does not impact painted metals and aluminium



Paintable

Joints can be integrated with finished surfaces.

Areas of Application

GECO UNISEAL ACRYLIX 502 is suitable for connection joints in interior building applications, such as:

- Joints around doors, windows, and windowsills
- Cabinet and wardrobe installations
- Skirting-board-to-floor junctions
- Joints between brickwork and masonry

Application Procedure

1. Clean the surface thoroughly and ensure it is dry and is free from dust, dirt, grease and loose particles.
2. Use masking tape on both sides of the joint to get a uniform joint.
3. Cut the nozzle at 45° angle to the desired beading thickness.
4. Load the cartridge into the sealant gun and apply it in a steady and continuous flow.
5. Immediately after filling the joint, tool the sealant surface with pallet knife or similar tool to remove air bubbles and to fill up all voids.
6. Remove masking tape once the sealant is in touch dry condition.
7. Allow the coating to air cure for approximately 24 hrs for 2 mm thickness and 24 hrs for each further mm.

Instructions

1. **Prepare the joint:** Confirm the joint design is correct — proper design minimises stress on the cured sealant. New materials often carry a protective film, so solvent-wash all surfaces before application.
2. **Mask if required:** Use masking tape where a clean, defined bead line is needed. Remove the tape immediately after applying the bead, before a skin begins to form.
3. **Tool and finish:** Tool the joint if necessary, then remove the masking tape. Tooling must be completed in one continuous stroke, carried out immediately after the sealant is applied and before a skin begins to form.

Coverage

One 450 g cartridge will cover approximately 12.8 linear metre joint at 6 mm width x 4 mm depth.

Limitations

Not recommended for:

- Natural stone, structural glazing, mirrors, glass, structural glazing, mirrors, glass to glass and automotive application.
- Use in areas of constant water immersion.

Technical Properties

Property	Value
Base	Acrylic Latex
Consistency	Non-Slumpy Paste
Curing System	Physical Drying
Viscosity Flow	Non Sag
Specific Gravity / Density	1.55 to 1.60 $\pm$ 0.02 g/mL
Skin Forming Time at 23°C 50% R. H.	8 – 10 Minutes
Tooling Time	12 – 15 Minutes
Tack Free	24 Hrs
Temperature Resistance	-20°C to 90°C
Application Temperature	5°C to 30°C
Elongation at Break % (ISO 37)	300%
Movement Capability	$\pm$ 15%
Paintable	Yes
Max. Joint Width	6 mm
Full Cure	7 Days

Note: Values will vary depending on service and surface conditions.

Disclaimer: The product information and applications details given in this data sheet is meant to serve as a general guideline only. Users are advised to undertake a trial for product suitability prior to full-scale usage. There is no express or implied guaranty/warranty for the results. The company does not assume any liability or consequential damage for unsatisfactory results, arising from the use of our products.