RESI ART

CREATIVE RESINS

Resi Lace

TECHNICAL DATA SHEET

Unveil the beauty of ocean-inspired artistry with Resi Lace, the ultimate resin for creating stunning lacing and cell effects. Specially formulated for thin pours, Resi Lace allows you to achieve intricate designs with ease. Watch as your artwork transforms into a breathtaking display of coastal waves, capturing the essence of the sea. Whether you're an artist or a hobbyist, Resi Lace is your go-to choice for bringing your creative visions to life. With a fast curing time and a clear, durable finish, your masterpieces will stay vibrant and pristine over time.

FEATURES & BENEFITS

- Great Cell & Lacing Effect
- Australian Made
- High gloss
- Clear water-like finish
- Excellent adhesion
- Self-levelling
- No VOCs (Volatile Organic Compounds)
- Excellent chemical resistance
- User friendly
- High durability
- Seamless
- Solvent free
- Low heat when curing
- Food contact safe

RECOMMENDED USES

- Layering effects
- Artwork
- Ocean Scenes
- Space Scenes

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AUSTRALIAN MADE AND OWNED

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PRODUCT INFORMATION

Shelf Life	12 months. Store in a cool, dry area and out of direct sunlight
Mixing	(2:1) 2 Parts Resi Lace (Part A): 1 Part Resi Lace Hardener (Part B)
Heat Resistance	Epoxy will not begin to soften until 90°C.
Clean Up	Clean tools with a non-oily solvent such as isopropyl alcohol while still wet. Discard rollers & brushes.

PHYSICAL PROPERTIES

Cure Schedule	Pot Life: 45 minutes Tack Free Time: 12 hours Shore Hardness: 48 hours Max Recoat Time: 72 hours Full Chemical Cure: 7 days
Solids Content	100%
Density	Part A: 1.1 Part B: 1
Finish	Clear, gloss
Abrasion Resistance	Very good
Rate of Burning	ASTM D635: Self-extinguishing
Compressive Strength	ASTM D695: 12,000 psi
Tensile Strength	ASTM D638: 3,900 psi
Elongation at Break	ASTM D638: 7.00%
Taber Abrasion Resistance	ASTM D4060: < 0.1g loss
Water Absorption	ASTM D570: 0/07% (2 hour boil)
Flexural Strength	ASTM D790: 7,800 psi
Shore D Hardness	ASTM D2240: 84
Bond Strength to Wood	100% wood failure
Heat Distortion Temperature	ASTM D648: 50°C

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PRODUCT APPLICATION

Surfaces must be clean, dry and free from all traces of contaminants, loose materials, old coatings, curing compounds and other chemical agents like grease, oil and cleaners. Substrates which are heavily impregnated with contaminants must be cleaned via suitable solvent cleaning and decontamination methods.

Structurally unsound layers and surface contaminants must be mechanically removed by sanding or other methods. Substrates heavily impregnated with oil must be cleaned by grinding, sanding or suitable solvent cleaning methods.

PRODUCT APPLICATION

Mix 2 Parts A with 1 Part B (2:1) by volume. Mix with a wooden stirrer slowly for 4-5 minutes. Ensure the product on top of the container/bucket is mixed in with the product on the bottom. Scrape down the sides to ensure all product is mixed together.

In normal curing conditions, the Resi Lace does not require an induction time and coating can begin immediately after mixing.

CAUTION

- Ensure, after mixing, that the resin is clear and free from ribbons of unmixed product before adding tints and pigments. Unmixed epoxy can cause soft spots that never cure or hot spots that burn the epoxy.
- The mix ratio is calculated by product volume. **NOT BY PRODUCT WEIGHT.** Mixing products by weight may result in an unsatisfactory cure time or failure of the mix to cure entirely.
- All epoxies will reach a higher temperature when using additives or tints.

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