

## Technical Data Sheet

Issue No. 0.0

Date of Issue: July-2019

### Product Name: RelSeal EP Adhesive

Two Component Thixotropic Epoxy based Aesthetic Adhesive for RelWood™

### Description

RelSeal EP Adhesive, an easy to use two-component solvent free thixotropic epoxy-based adhesive for surface finishing of RelWood™ with superior bonding characteristics. It is designed for filling surface and deep gaps or irregularities (scratches, cracks, cavities) in the surface of RelWood™. Ideal for door and window frames, screw holes, furniture and carvings. It provides a water-resistant seal and once applied can be machined, tapped, sanded, filed and painted.

### Application Areas

- To cover up sandwich surfaces and provide a RelWood™ like surface after sanding
- The layer does not allow moisture ingress and gives a protective cover
- Filling surface and deep gaps or irregularities (scratches, cracks, cavities) in RelWood™ surface
- Filling Pin Holes & Pore appearing on Relwood™ surfaces
- Repairing defects in Relwood™ surfaces for aesthetic appearance

### Features & Benefits

- Water-proof and aesthetic cover for any sandwich layer
- Matches exactly with RelWood™ color
- Solvent Free
- Pre-weighted Packing – No onsite proportioning required
- Thixotropic with easy application
- Perfectly absorbs stains, varnishes, waxes
- Can be grinded, planed, cut or drilled after drying

### Component Details & Physical Property

	Component A	Component B	Mixed
Feel	Paste	Paste	Paste
Color	Natural Wood	Natural Wood	Natural Wood
Mixing Ratio	100	50	-
Viscosity @ 25° C	Thixotropic Paste	Thixotropic Paste	
Mixed Density			1.1-1.2
*Pot Life @ 25° C			30 minutes @ 25° C
*Setting Time @ 25° C			4 hours @ 25° C
Change in Volume			No Shrinkage Observed
Yield (Pack)	4 kg	2 kg	6 kg Combined Pack

Note: \* Ambient Temperature will affect the Pot life & Setting Time of the Product & is inversely related

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### Mixing Procedure

- Mixing ratio: Component A - 100 & Component B - 50
- Full Pack Mixing is ideally suggested for accurate result
- Part Mixing suggested only if precise proportioning facility available at site
- Mechanical Mixing using low speed stirrer is suggested
- Mixing till uniform color achieved of the mixed material

### Application Procedure

- Surface to be clean of Oil, Grease, dust & any other material which will affect the adhesion of RelSeal EP Adhesive to Substrate
- Appropriate Methodology to be adopted to achieve sound substrate for application of RelSeal EP Adhesive
- Substrate Residual Moisture to be less than 4%. Not to be applied on substrate with rising dampness.
- Apply the mix material with spatula or trowel over the substrate to achieve required thickness.
- Application to ensure all pinholes & surface undulation is covered.
- Layers can be built up to required thickness after reapplication followed by sanding
- The finish of the final layer after sanding can be adjusted by using a proper sanding grid paper

### Packaging Size

- Base: 4 kg
- Hardener: 2 kg

### Shelf Life

- Base: 18 Months
- Hardener: 12 Months

### Storage Condition

- Material to be stored in cool dry place
- To be kept in shade with no direct sunlight

### Health & Safety Hazard Condition

Please refer to MSDS for detailed information on the health & safety hazard while using the product.

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