

# RELSEAL EPOXY



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SOP for RelSeal Epoxy for  
RelWood<sup>TM</sup>.

## ABOUT RELSEAL

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- Rel-Seal is an Epoxy based putty which we recommend as a Dent or any other blemish filler for Relwood™ sheets.
- Rel-Seal putty is mainly used on the wooden surface to hide the inherent dents on the surface and nail joints made during the work. For both the situations you need to mask the surrounding area with a masking tape so that the putty won't spread over the surrounding area.
- RelSeal improves the surface uniformity, and provides a uniform texture on the area of application.
- Shelf Life : 6 months from the date of manufacture.
- RelSeal is a 2-component epoxy system for bonding with a Mixing Ratio as given below :

**Component A : Component B =100:50**

**(By Weight)**

## SAFETY PRECAUTIONS

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- Avoid direct contact of the product with skin or eyes.
- Follow necessary and recommended industrial hygiene procedures whenever products are being handled.
- Please refer technical and safety datasheets for usage instructions.

## PRECAUTIONS

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- Provide sufficient air exchange and/or exhaust in work rooms.
- Avoid inhalation, ingestion and contact with skin and eyes.
- Wear personal protective equipment (respirators, gloves, glasses, etc).
- Persons with a history of skin sensitization problems or asthma allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.
- Keep away from open flames, hot surfaces and sources of ignition.
- Causes skin irritation. Causes serious eye irritation.
- Toxic to aquatic life with long lasting effects. Dispose of contents/container in accordance with applicable regulations.

## METHODOLOGY

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1. Mix the RelSeal Putty in the recommended ratio (Resin: Hardener = 100:50 parts by weight) for about 2-3 minutes. *(Use the mechanical mixer with low stirring speed for better mixing. Mix till the uniform color is achieved.)*
2. Apply sufficient quantity of Putty on the damaged surface. Let it dry for 6-8 Hours.
3. You can use the material for about 40-45 Minutes if the surrounding temperature is around 30°C.
4. Sand the surface of the putty with 80 grit sand paper. *(Note: Take care that the inherent grains of the RelWood™ sheet aren't damaged in the surrounding area.)*
5. Again apply the second layer of the putty over the sanded surface in such a manner that the putty surface should be at least 1-2 mm above the wooden surface. Let the second coat dry for 6-8 Hours again till it becomes hard.



## METHODOLOGY

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6. Once the second coat is dry, sand the surface of the putty with 80 Grit sand paper. *(Note: Take care that the inherent grains of the Relwood™ sheet aren't damaged in the surrounding area.)*
7. Once the surface of the putty is sanded well and matches the appearance of the Relwood™ surface in the adjoining areas, then remove the masking tapes applied on the surface.
8. Sand the whole wooden surface/ sheet including the filled dent / Nail points with 220 Grit sand paper.
9. Remove the dust on the surface with air or wipe the surface with clean cloth.
10. Apply 2 coats of the Epoxy Insulator with the help of rag or brush. Epoxy insulator takes generally 15-20 minutes for drying. *(Recommended: Asian Paints - Woodtech Epoxy Insulator.)*

## METHODOLOGY

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11. Once the Epoxy Insulator is dry, sand the surface with 400 Grit sand paper.
12. Apply the desired recommended stain and coating system on the substrate.



