Epoxy-O-Bond
filling-surfacing compound base

Engineered Coating Systems

**WARNING**

Keep out of reach of children.

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**Engineering Properties**

Resene Epoxy-O-Bond is a two component filler or surfacing compound with excellent non sag and gap filling qualities. An ideal product for applications requiring gap filling or as a fairing product for rough surfaces. Epoxy-O-Bond Epoxy Filler adheres to a wide range of materials. It is designed for flexible materials nor certain plastics.

**Application**

- All surfaces must be dry, clean and free from all dust, dirt, oil, loose material.
- Smooth or glossy surfaces should be abraded to improve bonding.
- Oil or grease e.g. tar, must be degraded with Resene Thinner No.12. All timbers must be freshly sanded at 45˚ to the grain.
- Remove laitance from concrete surfaces by thorough wire brushing.
- For surfacing and filling, apply using a rubber squeegee or similar. A smooth surface can be obtained by wiping freshly applied material with a slightly wetted sponge or trailed mixing water into the epoxy as curing can be affected. For heavy bodied, restoration, reapplication may be required after 25 minutes.

**General**

- Safety Data Sheet (SDS) is available and must be consulted before use.
- In any case it is recommended that the current Resene Data Sheet is consulted for product data and surface preparation information.
- This product comprises a Base and Hardener, which must be mixed in the required ratio using an air or explosion-proof power mixer before application. Mix components separately before blending them together. Add the total contents of the Hardener container to the total contents of the Base container. Once uniformly mixed, allow to stand for the recommended induction time to enable it to thicken up and to cause dermatis and usual precautions to avoid

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**Resene Epoxy-O-Bond**

- Ensure correct wet film thickness is applied to achieve desired dry film thickness. Allowance must be made for any thinner added.
- Use of incorrect thinner may have an adverse effect on application and performance.
- Drying is affected by low temperatures and high humidity.
- Insure that the mixed product is used within the stated shelf life. The shelf life of the mixed product is given for a specific temperature. Higher temperatures will reduce the pot life, comparatively lower temperatures will increase the pot life.
- The temperature of the substrate should be 2˚C above the “Dew Point”.
- Use “Dry Point” requirement must be considered to be satisfied if a thin clearly defined film of water applied to the cleaned surface with a damp cloth is not removed in 10 minutes.
- Inappropriate preparation, all surfaces must be dry and clean prior to painting.
- This product may be used to paint a wide variety of surfaces. If the surface you propose to paint is unsound or not referred to, contact your local Resene ColorShop or Reseller for your nearest Technical Representative.

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**Cleaning and Disposal**

- Resene Epoxy-O-Bond must be disposed of in a sealed container or mixing smaller quantities. Cooler temperatures and high humidity can affect the pot life. A resumption of 30 minutes. May be extended by spreading mixed product out in a shallow tray to speed up curing. Smaller quantities. Colder temperatures will extend pot life.

**Theoretical coverage**

- Will depend on the surfaces to be joined, filled, fanned etc.

- Clean up: Unsanded epoxy may be removed with a dry cloth. If necessary refer to Resene Thinner No.12. Cured material requires abrasion, sanding or planing.

- Resene Data Sheet: D008.

- Epoxies and polyamide-based hone to be caused dermatitis and usual precautions to avoid skin contact should be taken.

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