

DUPOXY PUTTY

Moisture Insensitive Epoxy Putty

Description

Dubond's Dupoxy Putty is a solvent free epoxy resin based putty. It has the special property that it is a moisture insensitive repair material. It is a non shrink epoxy based repair material.

Uses

- Repair of patches in concrete before any Dupoxy coating or SL work.
- Sealing of cracks in concrete before any Dupoxy coating or SL work.
- Making up undulation of concrete surface before coating.
- Sealing of cracks both underwater and in dry conditions.
- Sealing of cracks in metal and wooden surfaces.
- Protection of concrete, steel, marine structures as protective coating at or below the water line.

Advantages

- Excellent Impact resistance.
- Forms excellent bond on damp, dry and underwater surfaces.
- Stops the ingress of water.
- Excellent resistance to saline environment.
- Eliminates corrosion of steel and concrete structures even in marine condition
- Good mechanical properties.

Colours

Part - A	White
Part - B	Black
Part A + Part B (Mixed)	Grey

Packaging

8 kg (A+B) Pre-Batched unit.
Part A: 4.00 kg plastic container.
Part B: 4.00 kg plastic container.

Pot Life

100 g mass ~ 50 min at 30°C

Storage / Shelf Life

12 months from date of production if stored properly in original unopened, sealed and undamaged packaging, in dry conditions at temperatures between +5°C and +30°C. Protect from direct sunshine.

■ Chemical Base

Epoxy Resin

■ Mixed Density

~ 1.55 kg/ltr. All density values at +27 °C

■ Compressive Strength

(According to FIP 5.12 and IS 9162-1979)

Curing Time	+30 °C
1 Day	>40 N/mm ²
3 Days	>50 N/mm ²

Product cured and tested at temperatures indicated.

■ Application Details

Substrate Quality

All surface must be clean and free from loose particles, laitance, grease, oil, marine growth, etc.

Substrate Preparation

The surface should be prepared using the required tools.

■ Limitation

Substrate Temperature	+5°C min. / +45°C max.
Ambient Temperature	+5°C min. / +45°C max.
Material Temperature	Dupoxy putty must be at a temperatures of between +10°C and +40°C for application.

■ Mixing

Part A : Part B = 1 : 1 (by weight)

■ Mixing Time



Pre-Batched Units :

Mix parts A+B together for at least 3 minutes with a mixing spindle attached to a slow speed electric drill (max. 600 rpm) until the material becomes smooth in consistency and a uniform grey colour. Avoid aeration while mixing. Then, pour the whole mix into a clean container and stir again for approx. 1 more minute at low speed to keep air entrapment at a minimum. Mix only that quantity which can be used within its potlife.

■ Application Method Tools

Apply the mixed material using glove-protected hand, spatula or trowel and work well on to the property prepared substrate. The surface of the applied material can be smoothed by slight rubbing with wet gloves..

■ Cleaning of Tools

Clean all tools and application equipment with Dubond's epoxy Thinner immediately after use. Hardened / cured material can only be mechanically removed.

■ Value Base

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

■ Health & Safety Instructions

Avoid skin and eye contact and inhalation of vapours. Gloves, goggles and masks should be worn during application. If the product comes into contact with the skin, should be washed thoroughly with a suitable industrial cleaner with luke warm water and soap. In case of eye contact, should be washed with clean water and medical advice sought immediately.

Exposure of the materials to naked flame is not suggested. Smoking is prohibited during application / handling of the product.

■ Flash Point

40°C



Dubond Products (India) Pvt. Ltd.

C-3, 1001, Anushruti Tower, S.G. Highway, Thaltej,

Ahmedabad-380054. Gujarat - INDIA

Ph: 91-79-2685 6815 Fax: 91-79-2685 6816

Email: info@dubond.in Website: www.dubond.in

Customer Care : +91 9377177771

DISCLAIMER The product information & application details given by the company & its agents has been provided in good faith & meant to serve only as a general guideline during usage. Users are advised to carry out tests & take trials to ensure on the suitability of products meeting their requirement prior to full scale usage of our products. Since the correct identification of the problems, quality of other materials used and the on-site workmanship are factors beyond our control, there are no expressed or implied guarantee / warranty as to the results obtained. The company does not assume any liability or consequential damage for unsatisfactory results, arising from the use of our products.