



# EPOXY G.P. CLEAR ADHESIVE

## PRODUCT DATA SHEET

**EPOXY G.P. CLEAR ADHESIVE** is a clear solvent free, two pack cold curing general purpose adhesive.

THIS IS A TWO PACK SYSTEM. MIX THE TWO COMPONENTS THOROUGHLY BEFORE USE. DO NOT USE THE BLEND AFTER THE POT LIFE LIMIT.

### USAGE

- As a general purpose adhesive on wood, concrete, glass reinforced polyester.
- Grouting steel bars and bolts into concrete and repairing concrete.
- For laminating purposes in combination with mats.

### PHYSICAL DATA

- **Product Code :** 8011
- **Finish :** Semi - Matt
- **Colour :** Clear
- **Consistency :** Viscous Liquid, mixed
- **Specific Gravity :** 1.14 approximately, mixed
- **Volume Solids :** 100%, mixed
- **Flash Point :** > 23 °C, closed cup
- **Hardener :** **EPOXY G.P. CLEAR HARDENER.**
- **Mixing Ratio :** 2.5 parts BASE / 1 part HARDENER by volume
- **Pot Life :** 15 - 20 minutes at 25°C for 500g of mix. Do not mix larger volume; **The reaction is highly exothermic.** This will shorten pot - life.
- **Shelf Life :** 12 months, kept in separate containers.
- **Packing :** 20L, 5 L, 2L, 1L, 500 ml, 250 ml

Paints should be stirred before use and occasionally whilst in use.  
Contact your supplier for further information

## APPLICATION

- **Surface preparation:** Surfaces to be bonded should be clean, free of traces of oil and grease to obtain maximum strength. Smooth surfaces should be abraded and then degreased if necessary.
- **Application method:** It is advisable to mix the two components on a flat piece of board with a mixing knife. Apply immediately after mixing with a paint brush, serrated squeegee or spatula. Remove any excess adhesive immediately with a cloth soaked with **EPOXY THINNER** or with soap and warm water.
  - ◇ **Note:** The reaction is highly exothermic, do not mix in large volumes as the temperature of the mix will rise sharply and may cause burns. The pot life will also be reduced due to the heat dissipated.
- **Dilution:** Not normally required. Use **EPOXY THINNER** if necessary.
- **Spreading rate / Film thickness:** Spreading rate will depend on thickness, at a spreading rate of 1 m<sup>2</sup>/litre the film thickness will be 1 mm on a completely smooth, non absorbent surface. Do not apply thicker layers of the adhesive alone. Use mats to reinforce if thick strong layers are required.
- **Drying time:** Approximately 1 hour to set at 25°C.
- **Recoating intervals:**

Full cure will be achieved after approximately 3 - 4 days. After this stage, if a coating has to be applied on the adhesive, it is advisable to roughen the surface to promote adhesion. A clean surface is mandatory to ensure good intercoat adhesion.
- **Cleaning solvent:** **EPOXY THINNER.**
- **Preceding coat:** Not required.
- **Subsequent coat:** Any coating system can be used as a subsequent coat.

## SAFETY

- Wear adequate protective equipment during application, remove spills from skin with soap and water. In case of contact with eyes, rinse with ample water and seek medical advice if necessary.
- Ensure good ventilation during application and drying.
- Keep containers tightly closed and away from children.
- A complete Material Safety Data Sheet is available on request.

## MAINTENANCE

Surfaces prepared and painted according to specification will provide lasting protection and will facilitate maintenance. Carry out repairs as and when required and wash the surface occasionally; use mild detergent and light scrubbing to remove stains.

These recommendations are meant as a guide, no guarantee is implied since conditions of use, method of application and cleanliness of the substrate prior to painting are beyond our control.

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