



Epoxy Clear Top Coat

100 % Solids

Technical Data Sheet

DESCRIPTION

Epoxy Clear Top Coat is a **two part (2 part A to 1.25 part B Hardener)** system used mainly over concrete and steel surfaces. It provides a chemical resistant protective coating, ideal for work areas. Part A is the Clear base & part B the hardener. Comes in **13 Litre kit** (8 Lt Part A & 5 Lt Part B).

FEATURES AND BENEFITS

- **Non toxic**
- **high film build protective coating.**
- **Water proof finish makes it hygienic & easy to clean.**
- **Water proof & protective coating.**
- **High chemical resistant**

CHEMICAL RESISTANCE to the following:

- * **Sodium Hydroxide (50%)**
- * **Nitric acid (10%)**
- * **Hydrochloric acid (50%)**
- * **Lactic acid (10%)**
- * **Sulphuric acid (50%)**
- * **Diesel oil**
- * **Vegetable oil**
- * **Aviation fuel**
- * **Formaldehyde 40%**
- * **Fuels**
- * **Battery water.**

TYPICAL APPLICATIONS: (Walls & Floor)

Chemical resistant decorative protective coating for: laboratories, hospitals, power stations, breweries, desalination plants, refineries, factory floors, garages, and other liquid containing areas like manholes & sewerage lines.

PRIME: First apply one coat of our water based Epoxy Primer to seal the surface.

MIXING: Use a slow speed drill with fitted mixing paddle. Mix each component individually for at least a minute. Pour **ratio 2 part A to 1.25 part B** Hardener. Thoroughly mix for 2-3 minutes until homogeneous then use immediately. Only mix the amount needed within the pot life of the product. Avoid trapping air during mixing as this can cause pin holing during application.

APPLY: Substrate must be completely dry. Apply Top Coat with a brush, gauge rake, squeegee or roller. Once applied, that coat must be back rolled to reduce surface imperfections & improve adhesion. Test depth of coating at random points with a wet film gauge. Make sure the previous coat is not damaged when applying the Top Coat.

SURFACE PREPARATION: All surfaces to be Coated must be structurally sound & free of dust, grease, oil, wax or any other contaminants. Remove all previous coatings by chipping, abrasive blast cleaning, high pressure water washing, mechanical scrubbing or other suitable means. Scrub clean any grease/oil with water & sugar soap, then rinse well with plain water. All holes, surface deformities & non structural cracks should be repaired prior to application. Allow new concrete to cure 28 days.

COVERAGE: **3 m²/ litre** per coat depending on how thick you want to apply the coating & method of application.

Waring: This product cures 10 - 35°C (Above or below this temp, curing may be adversely affected).

TECHNICAL DATA:

Ratio: **2 part A to 1.25 part B**

Appearance: clear.

Finish: Gloss. **Pot Life@ 35°C:** 30 minutes.

Tack free time: 7-8 hours @ 35°C **Initial**

Curing: 12 hours @ 35°C

Full Cure: 5-7 days @ 35°C/50% RH

Solid Content: 100%. **Pack size:** 13 Lt kits.

Clean up: Clean all equipment with xylene immediately after use. Hardened materials can be removed mechanically only. Keep away from drains & waterways.

Safety Directions: **Keep out of reach of children.** Have **good ventilation** while using. Wear suitable protective clothing & avoid contact with skin & eyes.

First Aid: Eye Contact- rinse with plenty of running water for 5 minutes, then see a doctor. If swallowed - Do not induce vomiting. Drink plenty of water & seek medical help immediately. Wash epoxy off skin with our solvent-free Epoxy Hand Cleaner or soap & warm water.

Storage: **Store in a cool dry place (10 - 30°C)** away from direct sunlight & protect from extreme temperatures. In tropical climate, the product must be stored in an air-conditioned environment. Always tightly close partly used containers.

Disposal: Do not dispose of unwanted product down drains, instead mix the two components together & brush onto newspaper to dry & dispose via appropriate legal collection bin. Leave empty container outside to dry. Large quantities - keep well sealed & dispose of via a recycling program (ask your local council).

Shelf Life: 1 year when stored in original unopened container & stored in a dry place with about 23°C.

AA Specialised Solutions

Waterproofing & Epoxy

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Disclaimer

Please Note:- The information given in this data sheet is based on our current knowledge of the product when properly stored, handled and applied. We cannot guarantee that the product will be suitable, effective or safe when used for any purpose other than its stated uses.

To the extent that it is lawful, we exclude warranties implied by law and limit our liability to the cost of replacing the product. We accept no responsibility for loss or injury caused by improper use, incompetent preparation, inexperienced or negligent application, or ordinary wear and tear.

Service or advice given by our staff should not amount to responsibility for the project - since the owner, or their contractor (and not AA Specialised Solutions), is responsible for procedures relating to the application of the product.