

AMITEK EPOXY FLOOR PRIMER

This is a two component amine cured solvent free epoxy primer. It ensures very good adhesion on most concrete floors in atmospheric environments only. It is recommended for application on concrete and related surfaces like asbestos, tiles, stones etc to provide excellent bond strength, adhesion, good penetration & high degree of protection between surface and coatings. It comes in two components.

Field of application:

- It is recommended to be used before any type of screed and topcoat.
- For heavy duty ramps, flooring and vehicle parking.
- Traffic deck system for heavy duty traffic, areas such as ramps, car parks, parking bays, pedestrian walkways, roof decks and industrial floors.
- Loading-unloading bays for heavy duty vehicles, high abrasion floors for engineering plants, workshops, dairies, breweries, food processing, automotive and chemical plants.
- Recommended for cold stores, laboratories, hospitals, food and beverage plants, kitchens, high tech manufacturing facilities, dairies, warehouses, factories and hangars.

Application Area :

Solids by volume	98 ± 2 %
Color	Transparent Yellowish
Gloss level (GU 60 °)	Gloss (70-85)
Flashpoint	100 °C
VOC-EU	22 g/l
Dry film thickness	50-200 µm
Wet film thickness	50-200 µm
Theoretical coverage	5-7 m ² /l

The provided data is typical for factory-produced products, subject to slight variation depending on color.

Field of application:

- To secure lasting adhesion and bonding between substrate and coating system all surfaces shall be clean, dry and free from any contamination. New concrete surface must be a minimum of 28 days old, free from curing compounds and sealers and have a moisture content less than 5% prior to application of the primer.
- The surface can be prepared mechanically using sand blasting, shot blasting or scarifier. Surface preparation by acid etching with hydrochloric acid followed by thorough water wash and wire brushing should be the last option where methods mentioned earlier cannot be applied. Acid etching should be carried out in compliance to the local health and hazard regulations and should be necessarily supervised by a skilled person. The choice of surface preparation should be determined by the extent and nature of contamination present on the concrete surface. All dust present must be removed by vacuum pump.

Mixing:

A suitable power driven mixer such as a bucket mixer is recommended for uniform mixing of the Primer material. Stir the base and hardener separately. Mix hardener gradually into the base under continuous stirring as per the stated mixing ratio. Mix well for 3 – 4 minutes till the components become homogeneous. Apply before expiration of pot life.

Product Use Restrictions:

- Generally recommended for interior use.
- Application method and higher drying temperature may affect the colour of the coating.
- As common with all epoxy products, this product also will tend to discolour and chalk on exposure to direct sunlight.

Application Method:

The product can be applied by-

- Air Spray:** Recommended
- Airless Spray:** Recommended
- Brush:** Recommended
- Roller:** Recommended

Conditions during application:

The temperature of the substrate should be minimum 10 °C and at least 3 °C above the dew point of the air, measured in the vicinity of the substrate. Good ventilation is usually required in confined areas to ensure proper drying. The moisture content in the substrate should not exceed 4 % (by weight). The coating should not be exposed to oil, chemicals or mechanical stress until fully cured.

Product mixing ratio (by volume):

BASE: HARDNER 1:1

Additional Information:

Thinner/Cleaning solvent	A.p.p. Paint & Chemical thinner
Storage Instruction	Store in a cool shaded dry area
Flash Point	Mixed less than 28°C
Packaging	10 kg & 20kg
Shelf Life	24 months

Safety and Precautions:

- Avoid contact with the skin and eyes. Wear suitable protective clothing such as overalls, goggles, dust masks and gloves. Use a barrier cream.
- Ensure that there is adequate ventilation in the area where the product is being applied. Do not breathe vapour or spray.
- This product is flammable. Keep away from sources of ignition. Do not smoke. Take precautionary measures against static discharge. In case of fire, blanket flames with foam, carbon dioxide or dry chemicals.
- Refer to MSDS for further information.

DISCLAIMER:

The information above is believed to be accurate & represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use, handling and from contact. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way, AMITEK manufactured by APP Paint Chemicals Private Limited will be liable for any claims, losses, or damages of any third party or for lost any special, indirect, incidental, consequential or exemplary charge, however arising, even APP Paint Chemicals Private Limited has been advised of the possibility of such damages.

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