

## UNEPOX ENAMEL 2K Solvent Based Epoxy Topcoat

### UNEPOX ENAMEL 2K

Solvent Based Epoxy Topcoat

#### DESCRIPTION

Two component polyaminoamide adduct cured epoxy topcoat

Principal Characteristics:

- general purpose solvent based epoxy topcoat in protective systems for steel and concrete structures exposed to atmospheric land or marine conditions.
- good adhesion to steel, galvanized steel and aluminium
- good adhesion to non ferrous metals
- cures at temperatures down to +5 °C
- long pot life
- good water and corrosion resistance
- good resistance against splash of mild chemicals
- easy application, both by airless spray and brush
- good hygienic surface properties,

#### COLOURS

RAL colours

#### BASIC DATA (for mixed product at 20 °C)

Mass density	approx. 1,3 g/cm <sup>3</sup>
Solids content	approx. 47 % by volume
Touch after dry	2-4 hour
Overcoating interval	Min.24 hours, Max.48 hours
Full cure after	7 days
Theoretical spreading rate	9 m <sup>2</sup> /kg at 40 µm dry film thickness
Recommended DFT	100 µm

#### PACKAGING

4,67 kg base+2,33 kg hardener in cans or 15,350 kg base+7,650 kg hardeners in tin cans.

#### RECOMMENDED SUBSTRATE CONDITIONS AND TEMPERATURES

- Previous coat of UNEPOX ENAMEL (UNEPOX ZC PRIMER, UNEPOX ZP PRIMER, etc.) should be dry and free from any contamination.
- Surface must be perfectly dry before and during application of UNEPOX ENAMEL coating.
- surface temperature should be above 10 °C during application and at least 3 °C above dew point

#### APPLICATION AREAS

Pipe lines, water purification plants, tanks exterior surfaces, food industries, refineries, petrochemical plants.

# UNEPOX ENAMEL 2K

## Solvent Based Epoxy Topcoat

### INSTRUCTION FOR USE

Mixing ratio :by weight base to hardener 67:33

Pot life at 20 °C :8 hours.

- The temperature of the mixed should be above 10 °C
- Adequate thinner could be added to obtain application viscosity but too much solvent causes sagging.
- Thinner should be added after mixing the base and hardener.

### AIRLESS SPRAY

Recommended thinner :UP-003 Thinner

Volume of thinner :0-10 % depending on required thickness and application conditions.

### AIR SPRAY

Recommended thinner :UP-003 Thinner

Volume of thinner :0-10 % depending on required thickness and application conditions.

### BRUSH OR ROLLER

Recommended thinner :UP-003 Thinner

Volume of thinner :0-5% depending on required thickness and application conditions.

### CLEANING SOLVENT

:UP-003 Thinner

### STORAGE

The product is stored in sealed containers placed at indoor dry warehousing premises within the temperature range from 14 °C to 35 °C. Shelf life is 12 months from the production date in cool and dry place.

### SAFETY DATA

- Component A contains epoxy resin, Component B contains alkali amide.
- May cause skin sensitivity or other allergic reactions.
- Adequate ventilation is required, especially when the material is heated or sprayed.
- Precautions should be taken to prevent any contact with eyes or skin.
- Wear protective clothing, goggles, mask, and gloves, and/or use barrier creams.
- Keep containers closed when not in use.
- Thoroughly wash hands and equipment after use.

### NOTE

The statements made on this technical sheet are believed to be true and accurate, and are intended to provide a guide for approved construction practices. UNİCA does not make, nor does it authorize any agent or representative to make any warranty, express or implied, concerning this material as workmanship, weather, construction, equipment utilized and other variables affecting results are all beyond our control. UNİCA warrants only that the material conforms to product specifications and any liability to the buyer or user of this product is limited to the replacement value of the product only. In no event shall UNİCA be liable for any injury, loss or damage, either direct or incidental, special or consequential, however arising, in connection with material or work performed. UNİCA shall not, in any manner, be liable for any defects, variations or change in condition in the substructure over which its products are installed.