

## UNEPOX HB ST 2K

### High Build Solvent Free Surface Tolerant Epoxy Topcoat

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#### Description :

Two components epoxy&polyamine cured solventfree Surface Tolerant high build epoxy coating

#### Primary Uses :

- Hospitals
- Chemicals storage areas
- Bottling plants
- Forklift traffic areas
- Shopping centers
- Automotive industry
- Laboratories and many others
- Suitable as a topcoat in concrete systems
- Tank coating for crude oil and petroleum products

#### Product Characteristics:

- Good chemical and mechanical resistance
- Short curing periods.
- Good low temperature cure.
- Good levelling
- Antibacterial
- Easy to clean
- Antistatic
- Seamless
- Good abrasion resistant
- Good adhesion on untreated steel & concrete surfaces

#### Resistance:

- Diluted acids
- Cleaning Detergent
- Herbal Oil, Animal Oil and Mineral Oil
- Diesel Fuel,Gasoline and many solvents.

#### Basic Data (for mixed product at 20 °C) :

UNEPOX HB ST A COMPONENT	EPOXY RESIN
UNEPOX HB ST B COMPONENT	EPOXY HARDENER
Color	Some RAL Colors
Mass Density (20°C)	1.48 gr/cm <sup>3</sup>
Solid Content	Volumetric %100
Surface and Room Temperature	+10°C +30°C
Pot life for 25 kg (20°C)	10-25 min.
Touch After Dry (20°C)	6-8 hour
Overcoating Interval (20°C)	24 hour
Full Cure After	7 days

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**Recommended Substrate Conditions :**

- Surface should be clean from grase, dust or other contamination.
- New concrete should be at least 28 days old.
- Surface and room temperature should be between +10 / +30 °C. There would be levelling and bubble problems with the low temperature and short drying time problem with the high temperature.
- New coating area should be protected from water first 24 hours.
- Relative humidity should be max. %75.
- Do not thin.

**Instruction For Use :**

- Mixing Ratio : By weight base to hardener 80 : 20
- Epoxy Concrete Primer should be used before Unepox HB 2K to get good adhesion.
- Stir the A Component well and then B Component above mentioned mixing ratio. Mix for 3 minutes with low speed electrical mixer (200-300rpm)
- Apply with roller.
- The temperature of the mix. Should be above 15 °C.
- The estimated consumption is 4m<sup>2</sup> / kg. You should discuss our technical depertmant regarding the thickness and consumption.
- Wait at min 24 hours / max. 48 hours between the layers before the installation. If you wait more than 48 hours, you should make sandpaper to get good adhesion.

**Packaging**

A Components 16 kg in metal cans, B Components 4 kg in metal cans.

**Clean Up**

All tools and equipment should be cleaned before the pot life of the system with UP-002 Thinner.

**Storage Conditions :**

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.

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**Safety and Relevant Data:**

UNEPOX HB ST 2K is not hazardous and does not contain formaldehyde, asbestos, mercury, lead, or chromate and derivatives. For detailed information on safe transportation, occupational health, and safety, please refer to the relevant Material Safety Data Sheet (MSDS) for the product.

**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.