

## UNEPOX SHOP PRIMER 2K

### Solvent based Epoxy Metal Shop Primer

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#### Description

Two component polyamide cured hi-build epoxy shop primer.

#### Principal Characteristics:

- general purpose epoxy primer in anticorrosive coating systems for steel
- good adhesion to steel
- good adhesion to non ferrous metals
- cures at temperatures down to +5 °C
- long pot life
- good water and corrosion resistance
- suitable on wet blast cleaned substrates for short to medium-term protection during the storage,construction process
- can be overcoated with alkyd, chlorinated rubber, epoxy and polyurethane systems.

**Colours:Oxide red**

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

Mass density	approx. 1,48 g/cm <sup>3</sup>
Solids content	approx. 55 % by volume
Touch after dry	½-1 hour
Overcoating interval	Min.24 hours Max.48 hours
Full cure after	7 days
Curing Time	24-36 hours
Theoretical spreading rate	6 m <sup>2</sup> / kg for 80 micron average dry coating thickness

#### Packaging

4,5 kg base+0,500 kg hardener in cans or 18 kg base+2 kg hardeners in tin cans.

#### Recommended Substrate Conditions And Temperatures

- For immersion exposure:  
\*steel; blast cleaned to ISO-Sa2½
- For atmospheric exposure:  
\*steel; pretreated preferably to ISO-Sa2½ or according to ISO-St3
- galvanized steel should be cleaned from grease, salts and other contamination.
- surface temperature should be above 5 °C during application and at least 3 °C above dew point

#### Instruction For Use

Mixing ratio :by weight base to hardener 85:15  
Pot life at 20 °C :8 hours.

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- 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-002 Thinner  
Volume of thinner :0-20 % depending on required thickness and application conditions.

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Volume of thinner :0-20 % depending on required thickness and application conditions.

### BRUSH OR ROLLER

Recommended thinner :UP-002 Thinner  
Volume of thinner :0-10% depending on required thickness and application conditions.

**Cleaning Solvent :UP-002 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

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