ANTICORROSIVE COATINGS · PVB WASH PRIMER

Unepox Wash Primer 2K

Two-component PVB-based zinc phosphate wash primer

COLOURS
4 colours
white · oxide red · yellow · grey

0.98 g/cm³	19.5 %	½–1 h	30 min	6 m²/kg
Mass density (mixed)	Solids (by volume)	Touch dry	Rain-safe after	Spreading rate

Product description

UNEPOX WASH PRIMER 2K is a two-component, polyvinyl butyral (PVB) resin based, zinc phosphate pigmented, acid-catalysed primer. It is a general-purpose primer in anticorrosive coating systems for steel with good adhesion to steel and non-ferrous metals.

Application areas

- Bridges, ballast tanks and cargo holds
- Offshore platforms and drilling rigs
- Piping and processing tanks
- Wet blast-cleaned substrates; overcoatable with alkyd, CR, epoxy and PU
- Not for areas with splash or spillage of strong acids or alkalis

Advantages

- Rapid cure at low temperature and high humidity
- Not affected by rain or condensation 30 min after application
- Tough, abrasion-resistant film when cured
- Cathodic protection of steel
- Extremely resistant to marine and industrial atmospheres
- Good water and corrosion resistance

Position in the system

Topcoat system
Alkyd · chlorinated rubber · epoxy · PU

Wash primer — THIS PRODUCT
UNEPOX WASH PRIMER 2K · 6 m²/kg

Substrate
Steel Sa 2½ / St 3 · non-ferrous metals

Anticorrosive systems

Adhesion primer for steel and non-ferrous metals

ISO Sa 2½ · St 3
Recommended surface preparation

Recommended under UNEPOX UNDERCOAT FST 2K on aluminium and galvanised surfaces.

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Technical data (at +20 °C)

Binder	**Polyvinyl butyral (PVB)**	Overcoating interval	**min. 24 h – max. 48 h**
Pigment	**Zinc phosphate**	Full cure	**7 days**
Colours	**White, oxide red, yellow, grey**	Curing temperature	**down to +5 °C**
Mass density (mixed, 20 °C)	**approx. 0.98 g/cm³**	Spreading rate	**6 m²/kg**
Solids (by volume)	**approx. 19.5 %**	Mixing ratio (by weight)	**1.5 kg A + 0.265 kg B**
Touch dry	**½–1 h**	Shelf life	**12 months**

Application procedure

01

Surface preparation

Immersion: steel blast-cleaned to ISO Sa 2½. Atmospheric: preferably Sa 2½ or St 3.

02

Mixing

Stir each component. While mixing the base (A), add the catalyst (B) and mix until homogeneous.

03

Application

Apply by spray, brush or trowel. Use air spray with an agitated pressure pot or airless with continuous mixing.

04

Overcoating

Overcoat after min. 24 h, max. 48 h. Full cure after 7 days.

Mixing ratio (by weight)

1.5 kg : **0.265 kg**

- **1.5 kg** — Component A – base
- **0.265 kg** — Component B – acid catalyst

Add component B to component A while mixing.

Application conditions
above +5 °C
Surface temperature at least 3 °C above dew point.

Rain resistance
30 min
Not affected by rain or condensation 30 min after application.

Spreading rate
6 m²/kg
Theoretical – depends on surface permeability and porosity.

Important: the product contains flammable materials – forbid flames, smoking and welding; use explosion-proof lighting and non-sparking tools.

Points to consider

- Wear gloves and face masks; maintain adequate ventilation.
- Avoid breathing vapour and contact with skin or eyes; on contact wash with water and seek medical attention.
- For chemical resistance details consult Unica technical service.

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Packaging

- Kit: 1.5 kg component A + 0.265 kg component B

Storage

- Store in sealed containers indoors in dry premises at +3…+35 °C.
- Shelf life: 12 months from production in a cool, dry place.

Safety

- Contains flammable materials.
- See the product Safety Data Sheet.

Cleaning

- Clean all tools and equipment before the material gels, using tap water.

LEGAL NOTE

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