

PRODUCT INFORMATION

SPECIFICATIONS

VYPROTECT ZRE is complied with ASTM B117.

PACKAGING

VYPROTECT ZRE will be packaged in 1 / 5 / 20 Kg Kits

COVERAGE

VYPROTECT ZRE will cover 5-6m²/kg/ coat

SHELF LIFE

VYPROTECT ZRE will be ready for use 24 months if stored in original unopened packs.

STORAGE

VYPROTECT ZRE should be stored in clean ground over plastic or wooden pallets out from direct sun at temperature between +5 °C to +35 °C

DESCRIPTION

VYPROTECT ZRE is a two components, solvent base epoxy primer for iron and steel.

VYPROTECT ZRE is modifies with zinc phosphate and de-oxidants which provide long term protection against corrosion.

TYPICAL APPLICATIONS

VYPROTECT ZRE is used for:

- Protect steel reinforcement against rust
- Steel pipes
- Steel bridges
- Steel structure

FEATURES

- Two components epoxy poly amide cured
- Prevent steel from rust and corrosion
- Good adhesion
- Good chemical resistance
- Excellent weathering resistance
- Heat resistance up to 80 °C
- Non-toxic

TECHNICAL PROPERTIES

FORM	epoxy
APPEARANCE	Grey
DENSITY	1.4 ± 0.1 kg/l
VOLUME SOLIDS	58 %
POT LIFE	60 minutes
TOUCH DRY	30 minutes
HARD DRY	2 – 3 hours
DRY TO RECOAT	3 hours
DFT	100 µm

CHEMICALS RESISTANCE

ALKALI RESISTANCE	Sodium Hydroxide Solution 20% w/w for 2 weeks	No effect
ACID RESISTANCE	Sulfuric Acid Solution 10 for 2 Weeks	No effect
ORGANIC SOLVENT RESISTANCE	Gasoline for 2 Weeks	No effect
ACETIC ACID RESISTANCE	Acetic Acid 2% for 1 Week	No effect
HOT WATER RESISTANCE	Hot water at 90 degree	No effect

INSTRUCTION FOR USE

- Remove any dirt, oil stains, moisture, dust or rust on the surface of the coated object before coating
- Abrasive blast clean to Sa2½ (ISO 8501-1:2007) or SSPC-SP6. If oxidation has occurred between blasting and application of **VYPROTECT ZRE**, the surface should be reblasted to the specified visual standard
- Surface defects revealed by the blast cleaning process should be ground, filled, or treated in the appropriate manner
- Mix two components together well for about 2 minutes
- Apply using brush, trowel or air spray
- All tools should be cleaned with suitable cleaner after use

CLEAN UP

Clean all tools and application equipment immediately with suitable solvent

PRECUATIONS

- **VYPROTECT ZRE** doesn't contain any hazard materials
- **VYPROTECT ZRE** is flammable.
- Wear gloves while working.
- Any splash to skin or eye should be washed using clean water.
- Consult the medical attention if necessary.

TECHNICAL SUPPORT

For any technical support, please consult **VYCON** office or visit our website <http://www.vycon-eg.com>

HEALTH AND SAFETY

Take precautions to avoid inhalation of spray mist and contact with skin and eyes. wear suitable protective clothing gloves, eye protection. if skin comes in contact it should be washed with fresh water and soap. eyes contact should be cautiously washed with fresh water. the product non toxic and non hazardous according to health and safety codes

WARRANTY: **VYCON CONSTRUCTION CHEMICALS** warrants that; (1) its products will perform substantially in accordance with the accompanying written materials for a period 1 year from the date or receipt. (2) The product will be free from defects in materials and workmanship under normal use for 1 year. In case of any product fails to conform to this warranty, **VYCON** will replace the product with no cost to the client. **VYCON** doesn't authorize anyone to make any written statement which may change the installation information or instructions of the product data. The wrong installation of the product which fails to conform to the instructions shall void the warranty.



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