



Technical Data Sheet

Description

Tek-Prime ZR is a single component high performance zinc rich anti corrosion epoxy primer to protect exposed reinforcement steel to extend the life of repairs made to reinforced concrete.

Advantages

- Single component
- High zinc content
- Battles corrosion
- Compatible with all cementitious mortars
- Protects adjacent areas of the repair
- Easy to use
- Fast drying

Uses

As an anti-corrosion protective primer for reinforcing steel

Physical Properties*

Property	Typical Results
Nonvolatile solids	46% by volume
Zinc content	90% min
Touch dry	30 min at 20°C
Recoat time	2 hours at 20°C
*The above properties are average laboratory values	

Packing

Tek-Prime ZR is available in 1 and 5 lt. packs.

Theoretical Coverage

Tek-Prime ZR 10 m² per liter at 45 microns DFT.

Actual coverage will depend on wastage & surface profile, and can be up to 20-30% or more higher than the above theoretical coverage.

Shelf Life

24 months when stored in cool dry environment in factory packed unopened containers between 5°C – 25°C.

Installation Guidelines

Spraytek provides detailed method statements on all its products for use in various applications. These must be referred to prior to starting the work. The information below is a summary intended for guidance only.

Surface Preparation

Long term durability and function can only be achieved with good preparation to give a strong adhesive & mechanical bond to the substrate. Mechanically prepare steel surfaces to remove rust or other loose materials to provide a mechanical 'key' for **Tek-Prime ZR**.

Mixing

Tek-Prime ZR is supplied as a single component epoxy resin product. Stir the product and decant into suitable clean container and apply the product to the recommended thickness by brush or roller. DO NOT add thinner or any solvents.

Application

Apply 100 microns per coat WFT using medium pile roller, recoat after 1 to 2 hours at 35°C.

Precautions

Do not add any thinner or solvent.

Do not apply in wet conditions or at temperature below 3°C of the dew point.

Do not dispose into water drains.

Technical Support

Spraytek offers full technical support package to specifiers, contractors and end users, as well as technical assistance on site and after sales consultations.

Health & Safety

As with all chemical products, caution should always be exercised. Protective clothing, such as gloves and goggles, should be worn. See packaging/MSDS for specific instructions.

Treat any splashes to the skin or eyes with fresh water immediately. Should any of the products be accidentally swallowed, do not induce vomiting, but call for medical assistance immediately.

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Spraytek Coatings LLC

P.O. Box 27356, Dubai, U.A.E., Tel.: +9714 2221432, Fax: +9714 2275750, Email: info@spraytek.ae

www.spraytek-me.com