



Technical Data Sheet

Description

Tek-Prime AR is a single component high performance Acrylic polymer primer suitable for use with a wide range of renders, screeds and mortar systems.

Advantages

- Multi-purpose, primer
- Resistance to abrasion & Freeze/thaw
- Can be used as sealer

Uses

- Industrial floors and screeds
- Bonding new to old concrete
- Concrete repairs

Physical Properties*

Property	Typical Results
Compressive strength	>35 MPa
Tensile strength	>5 MPa
Flexural strength	>10 MPa
Touch dry	4 hours at 25°C
Recoat time	6 to 18 hours
Bond strength to concrete	Greater than cohesive strength of concrete
*The above properties are average laboratory values	

Packing

Tek-Prime AR is available in 5, 20 and 200 lt. drums.

Theoretical Coverage

10 m² per liter at 100 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

Concrete substrate must be structurally sound. Loose or unsound concrete should be removed. Surfaces must be entirely free of oil, grease, paint, corrosion deposits, dust, laitance or other surface deposits. The substrate must be prepared to create a 'key' for bonding by shot blasting. Any blow holes should be filled with **Tek-Crete EFC**. The moisture content of the concrete substrate should be less than 7%.

Mixing

Tek-Prime AR is supplied as a single component acrylic 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. If the substrate porosity is too high, recoat after 4 to 16 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.

Reference #	TDS / STC /TPAR
Issue Date:	06/2012
Revision #	1

The information contained herein is to the best of our knowledge, belief, and accuracy. However, hence the conditions of handling and usage beyond our control. We make no warrantee of results, and assume no responsibility or liability for any damages or consequential damage incurred by the use of the product. Our products are sold on the condition that the user shall evaluate them, as well as our recommendations. To determine their suitability for a particular purpose. The user is solely responsible for the selection of Spraytek products.



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