



Technical Data Sheet

Description

Tek-Grout PG is a pourable polyester resin grout used for variety of grouting and anchoring applications where fast setting and high early strength is required.

Advantages

- Fast setting
- High early strength
- Resistant to wide range of chemicals
- Vibrant resistant
- Can be used in damp conditions
- Dimensionally stable

Uses

- Base plate grouting
- Manhole bedding
- Runway light bedding
- Anchor bolts

Physical Properties*

Property	Typical Results
Solid content by weight	100%
Compressive Strength @7 days	>90 MPa
Tensile Strength @ 7 days	12 MPa
Flexural Strength@ 7 days	28 MPa
Application Temp	5 – 35°C
Initial cure @ 35 deg C	40 min
Pot Life @ 25 Deg C	30 Min
*The above properties are average laboratory values	

Standards Compliance

ASTM C 109, ASTM D 638, ASTM C 580

Packing

Tek-Grout PG is available in 2 liter pack of part A, B.

Theoretical Coverage/yield

0.25 m²@ 8 mm thickness per pack

Shelf Life

12 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 or water blasting.

Remove all rust from the rebar, if any, and immediately apply **Tek-Prime ZR** onto the full surface of the rebar and allow to dry.

Mixing

Tek-Grout PG comes in 2-component ready to mix pack. Under no circumstance should part mixing be allowed. First mix the two liquid components (A & B) for 3 minutes in slow speed drill fitted with a paddle until a uniform consistency and all fillers are coated. Apply immediately.

Application

Place the mixed grout immediately after mixing; any delay will reduce the ability of the product to flow. Pour continuously from one side only at a uniform rate until the grout has flowed into the position. Care must be taken when pouring the material to ensure that no voids or trapped air are in the filled gap. It is important that sufficient material is always mixed and ready to pour in order to ensure continuous flow.

Cleaning

All tools shall be cleaned with solvent as per Spraytek recommendation immediately after use. Hardened materials can be removed mechanically only.

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