



Technical Data Sheet

Description

Tek-Grout WP is a single component latex modified coloured tile grout based on Portland cement, specially selected binders, polymers and colour pigment with water resistance and superior hygienic properties.

Advantages

- Single component
- Non toxic
- Waterproof
- Hygienic
- For both horizontal and vertical applications
- Suitable for internal and external applications

Uses

In tiling situations in both wet and dry areas

- Medicinal baths
- Dairies
- Commercial kitchens
- Battery stores
- Car washes
- Breweries
- Silos
- Stables
- Swimming pool decks
- Laboratory and clean rooms

Physical Properties*

Property	Typical Results
Compressive Strength	>20 MPa
Flexural Strength	>3 MPa
Water Absorption	<10%
Bond strength	>0.5 N/m ²
Shore 'D' Hardness	>70
*The above properties are average laboratory values	

Standards Compliance

ASTM C 109, ASTM D 638, ASTM C 580

Packing

Tek- Grout WP is available is 10 Kg bag. Yield approximately 6 liter per 10 kg when mixed with 3.6 liter of clean water.

Available Colors

Grey, white and beige. Other standard colours depending upon minimum order quantity.

Theoretical coverage kg/ m²

Tile Size(mm)	Joint Width		
	2mm	3 mm	4 mm
25x25x6	1.9	2.8	5.6
50x50x6	0.8	1.2	2.4
100x100x10	0.8	1.1	2.2
100x100x13	1.0	1.4	2.8
100x200x13	0.8	1.1	2.2
150x150x10	0.7	1.0	2.0
150x150x19	1.0	1.4	2.8
200x200x10	0.4	0.6	1.2
200x200x13	0.6	0.8	1.6
250x250x10	0.3	0.4	0.8
300x300x10	0.2	0.3	0.6
300x300x13	0.2	0.3	0.6

Application Properties

Water mixing ratio	3.6 liter clean water per 10 Kg
Open Time	Approx. 90 min
Application temperature	10°C – 40°C
Load bearing strength	After 8 hours
Maximum joint width	4 mm

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. dry.

Mixing

Tek-Grout WP is supplied as a single component cementitious product. Pour 3.6 liters of clean water into suitable clean container and mix with slow speed drill (400- 800 rpm) with mixing paddle. Mix approximately for 3-5 minutes to achieve lump free smooth consistency and uniform color.

Application

Tek-Grout WP should be applied after 12- 24 hours after application of tile adhesive. This will help ensure uniform stress distribution at the bond line and maximum bond. Apply using rubber grouting spatula or trowel taking care to ensure that is well compacted into the joints. Excess material should be removed immediately from the tile surface using a damp cloth or sponge.

Curing

Once grouting has been completed and set in hot weather conditions, cure for two days by mist spraying with clean water at regular intervals (2- 3 hours). In hot and windy conditions cure covering with polythene sheet sealed with masking tape after the initial mist spray.

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.

Reference #	TDS / STC /TGWP
Issue Date:	01/2012
Revision #	0

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