



TECHNICAL DATA SHEET

TPS WATERPROOF PREMIUM

PRODUCT DESCRIPTION

TPS Waterproof (Premium) is a top quality fibre reinforced flexible cementitious, two-part, polymer-modified flexible waterproofing coating.

USES

General waterproofing, sealing of hairline cracks and as a protective coating against aggressive elements such as carbon dioxide (e.g.: concrete repair work).

Areas of application include water tanks, basements, car parks, terraces, balconies, bridges, retaining walls, swimming pools, RC gutters, bathroom floors and walls, planter boxes, wet rooms for example kitchens, waste water treatment plants, shower rooms and laundries.

ADVANTAGES

- ✓ Good crack bridging capability
- ✓ Mixes and applies easily
- ✓ Easily applied by roller or brush
- ✓ Excellent adhesion
- ✓ Increased frost and salt resistance
- ✓ Decreases carbon dioxide penetration

PRODUCT DATA

Appearance / Colours	:	Part A TPS Waterproof (P): White liquid Part B Waterproof Cement: Grey Powder Parts A + B (mixed): Dark grey slurry
Packaging	:	6kg TPS Waterproof (P) X 2 bottles + 40kg Waterproof Cement
Storage Conditions / Shelf Life	:	6 months from the date of production if stored properly in original, unopened, and undamaged sealed packaging, in cool, dry conditions. Keep away from direct sunlight.

TECHNICAL DATA

Determination of Tensile Strength Type Method A Dumbbell (Die C):	1.85 N/mm ²
Determination of Elongation at Break Type Method A Dumbbell (Die C):	92.9 %

HEALTH AND SAFETY INFORMATION

For information and advice on the safe handling, storage, and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet (available upon request) containing physical, ecological toxicological and other safety-related data



SYSTEM INFORMATION

Application Details	:	1 Bottle TPS Waterproof (Premium) 6kg + 20kg Cementitious Waterproof Portland Cement
Mixing ratio	:	
Coverage	:	Minimum 2 coats at approximately 1.0 kg/m ² per coat. For areas subject to high water ingress, apply a third coat at 1.0 kg/m ² . Recommend one layer of self adhesive tps fibreglass mesh between waterproofing layer
Substrate Quality	:	Concrete and brick surfaces must be clean, free from grease, oil and loosely adhering particles.
Substrate Preparation	:	Absorbent surfaces have to be thoroughly saturated with water prior to application of first coat of TPS Waterproof (P). However, no loose standing water should be on the surface before application.

APPLICATION INSTRUCTIONS

Application Method / Tools	:	Refer Method Statement.
Cleaning of Tools	:	Clean all tools and application equipment with water immediately after use. Hardened and/or cured material can only be mechanically removed.
Pot Life (maximum)	:	30 minutes (at room temperature). Pot life is shorter at higher temperatures.
Notes on Application / Limitations	:	Never apply more than 2 kg/m ² of TPS Waterproof (P) in a single layer.

LEGAL NOTES

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use. Neither Vivo Raiser Sdn Bhd nor any of its parent's companies assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

VIVO RAISER SDN. BHD. (920807-P)

9 & 10, JLN PKNK 3/7, KAWASAN PERUSAHAAN SUNGAI PETANI
08000 SUNGAI PETANI, KEDAH, MALAYSIA

Phone: 04-4102148 Email: sales@shijiru.com website: www.shijiru.com



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