



TECHNICAL DATA SHEET

TPS WATER REPELLENT

PRODUCT DESCRIPTION

TPS Water Repellent is a general purpose water repellent for impregnating and priming mineral and highly alkaline substrates.

USES

General waterproofing as a protective coating against UV, weather, water, and dust up to 6 years.

ADVANTAGES

- ✓ Reduces water absorption by up to 75%
- ✓ Typically used as supplied no predilution required
- ✓ Excellent performance at low additives levels (typically used at <1% of weight of panel)
- ✓ Suitable for alkaline substrates
- ✓ Reduces freeze/thaw effects on boards
- ✓ Increases dimensional stability of boards, avoiding bending, twisting and warping effects due to excessive moisture absorption
- ✓ Reduces effects of mildew
- ✓ Reduces surface powdering of boards
- ✓ Performs well on all types of common porous cement-based building substrates
- ✓ Increases life of substrates by preventing water entry
- ✓ Performs well at low concentrations

PRODUCT DATA

Appearance / Colours : Transparent liquid

Packaging : 4kg / 16kg

Storage Conditions / Shelf Life : 18 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

Chemical Base : Polymer modified Silane & Siloxane

Curing Time : Up to 24 hours

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 : Ready to use, no extra mixing required

Mixing ratio : Minimum 2 coats

Coverage : Minimum 2 coats

Substrate Quality : Concrete and brick surfaces must be clean, free from grease, oil and loosely adhering particles.

Substrate Preparation : Absorbent surfaces can be damp with water prior to application of first coat of TPS Water Repellent/. 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 will be shorter at higher temperatures.

Notes on Application / Limitations : Never apply on gypsum surface.

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 Shijiru Sdn Bhd nor any of its parent's companies assumes any liability what so ever 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

