

PRO SCREED WP ECO

BRAND/PRODUCT NAME

PRO SCREED WP ECO

MANUFACTURER

PROTEC GREEN PTE LTD

NO. 3 Sungei Kadut Street 6

Singapore 728851

Tel: 62695395 Fax: 63671008



PRODUCT DESCRIPTION

PRO SCREED WP ECO is an environmentally friendly prepacked drymix waterproof floor screed. It is shrinkage compensated and polymer modified cement base floor screeding materials formulated for waterproofing floor and deck topping at thickness of 10mm to 40mm.

PRO SCREED WP ECO formulation provide floor screed that has excellent strength and crack control. It is strong, durable and resistant to water.

ADVANTAGES

- Factory blended pre-packed ensures high quality product
- Easy mixing and application
- Excellent compressive bond strength
- Economical – saves time, labour and money
- Shrinkage compensated.

USES

PRO SCREED WP ECO is designed to be used for waterproofing for both internal and external sound concrete substances. It is design to have a plastic consistency, yet highly workability to allow masons to form gradients to avoid water trapping.

INSTALLATION

Surface Preparation

Surfaces receiving **PRO SCREED WP ECO** must be clean. Remove all dust and any loose materials before commencing works. Any stagnant surface water must be removed prior application.

All concrete substrates must also be sound and hard with adequate strength to assure good bond. Level of the existing surface to be surveyed to check for excessive deviations which should be rectified.

Mixing

Pour one 40kg bag of **PRO SCREED WP ECO** into a mechanical mixer with approximately 5.5 to 6.5 litres of water and mix for about 3 – 5 minutes to obtain a homogeneous lump-free mix.

PRO SCREED WP ECO can also be mix using an automatic pump / mixer system.

Application

Place and spread **PRO SCREED WP ECO** in one coat from 10 – 40mm either pouring or pumping. Ensure material is continuously spread uniformly and levelled.

Allow **PRO SCREED WP ECO** to cure for at least 24 hours before tiling works.

PRO SCREED WP ECO should be protected against direct sunlight and drying winds after placing. Use PRO range of curing compound to prevent the rapid evaporation of water from the freshly place **PRO SCREED WP ECO**.

PACKAGING

PRO SCREED WP ECO comes in 40kg bag.

TECHNICAL DATA

Performance Properties:

Test/Test Method	Results
Average Compressive Strength ASTM C109 : 2002	> 25N/mm ²
Flow ASTM C1437 : 2001	80 – 120%
Flexural Strength ASTM C348 : 2002	> 2 N/mm ²
Shrinkage Coutinho Ring	No Crack
Volume Change (%) ASTM C827 : 2001	Shrinkage value not more than 1%
Stiffening Time - 1.0 N/mm ² - 2.0 N/mm ² BS EN 1015-9 (Method A)	≤ 360 mins ≤ 420 mins
Pot Life	1 hr
Coverage	1.80kg/m ² /mm thick

SHELF LIFE

Approximately 12 months in factory sealed packaging and should be stored indoor and off the ground in dry area.

**High humidity will reduce the shelf life of bagged cementitious product.*

CAUTION

PRO SCREED WP ECO contains Portland Cement and Silica Sand. Avoid eye and skin contact and use protective gloves and goggle. Mix in a well-ventilated area and avoid breathing powder or dust.

For further information, refer Material Safety Data Sheet.

SALES AND TECHNICAL SERVICES

PROSPAQ GROUP PTE LTD

No. 3 Sungei Kadut Street 6

Singapore 728851

Tel: 6269 9532 / 6816 8228

Fax: 6368 1193

Email: sales@prospaq.com

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