

# PRO SCREED SL ECO

## UNDERLAYMENT (30)



**BRAND:** PROTEC  
**MODEL:** PRO SCREED SL ECO  
**USAGES:** Underlayment Self Levelling Floor Screed

### PRODUCT DESCRIPTION

**PRO SCREED SL ECO** is a polymer-modified cementitious self-levelling screed that has high flowability for new and old concrete floor and deck topping. It gives excellent durability and typically use to create a flat and smooth surface.

**PRO SCREED SL ECO** can provide excellent hard wearing finishes for interior and exterior application on sound substrates. It require only additional of potable water. It self levelling properties allows pumpability to increase productive efficacy.

### ADVANTAGES

- High compressive strength
- Excellent flowability and mix consistency to achieve smooth, flat floors.
- Ease of placement at site
- Workable with Screed Pump for over large area
- Shrinkage compensated.
- Excellent abrasion resistance.

### USES

**PRO SCREED SL ECO** is widely used for surface irregularities. It can be used for corridor and walkway or underlay for soft floor covering.

### TECHNICAL CHARACTERISTICS

**PRO SCREED SL ECO** is a grey powder comprising of special fast-setting and cements, specially graded silica sand, special resins and additives. Pre-packed in Singapore

### CAUTIONS

Mix in a well ventilated area and avoid breathing powder or dust.

**PRO SCREED SL ECO** contains Portland Cement and Silica Sand. Avoid eye and skin contact and use protective gloves and google.

Manufacturer:

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## INSTALLATION

### **Surface Preparation**

Surfaces receiving **PRO SCREED SL ECO** must be clean and hard, free of all impurities/contaminants that might inhibit bonding. Good construction practices, like pressure washing of substrate a day before is highly encouraged. It is recommended that the level of the existing surface be surveyed to check for excessive deviations which should be rectified.

### **Priming**

Prepare surface should be primed with **PRO MAX BOND 13** using a soft brush or a cotton roller. Allow to dry till tacky. After the first coat become dry to touch, a second coat should be applied, especially for porous surfaces.

Recommended Ratio           1:3 for first coat  
  1:3 for second coat

### **Mixing**

Use approximate 7.5 to 8.0 litres of water with a bag of **PRO SCREED SL ECO** in a bucket and mix with an electrical paddle for about 5 minutes to obtain a homogeneous lump-free mixture. Optionally, an automatic pump / mixer pump can be used.

### **Application**

Spread the mix in one coat 1mm-3mm either by pouring or pumping. To ensure uniform and level surface, the material must be continuously spread. Adjustment of level may be made by the use of spike roller, notched squeegee or any suitable tool.

For placement more than 6mm, each subsequent layer should only be laid before the previous layer completely cures and hardens (3 hours norm). Used spiked roller over the freshly applied material to release any entrapped air which may be present after mixing and placing.

**PRO SCREED SL ECO** should be protected against direct sunlight and drying winds after placing during the first 3 hours.

## PACKAGING

**PRO SCREED SL ECO** is supplied in 25kg bag

## TECHNICAL DATA

### **Performance Properties:**

Test	Results
<b>Flow</b> ASTM C1437:2013	80% - 120%
<b>Compressive Strength</b> ASTM C109/C109M : 2013	≥ 25N/mm <sup>2</sup>
<b>Shrinkage</b> COUTINHO RING	No Crack
<b>Water Retentivity</b> BS4551:2005 + A1:2013	> 90%
<b>Flexural Strength</b> ASTM C348:2008	> 2N/mm <sup>2</sup>
<b>Coverage</b>	1.4 kg/m <sup>2</sup> /mm thick

## SHELF LIFE

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

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

## CAUTIONS

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

For further information, consult Material Safety Data Sheet.

## SALES AND TECHNICAL SERVICES

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**PRO SCREED SL ECO** is supplied in 25kg bag. *Based on our knowledge from results gathered both internal and external credited laboratories. However, we have no control over site application, site conditions and workmanship of the applicator. We therefore will not accept any liability, either directly or indirectly arising from the misuse of these products or when the product is used not in accordance with any advice, specification, and recommendation of information given by us. The user is responsible for checking the suitability of these products for its intended use.*