

# SCI Floor Screed Grey 615



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The quality Cement Based products

## Product name

SCI Floor Screed grey 615

## Manufacturer

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## Product description/ General Purpose

SCI Floor Screed Grey 615 is a high quality, durable cementitious premixed floor screed specially formulated for casting onto new or old concrete floors. The product is non self leveling but it is easy to level with assistance of trowels. Recommended thickness 20-40 mm.

SCI Floor Screed Grey 615 is recommended for internal and external floors prior to installing ceramic tiles, natural stone, carpet or wood flooring.

The product is supplied as a pre mixed dry mortar, only need to mix with water and the material is ready to use.

## Mixing and application

### 1. Surface preparation

- Ensure the substrate is sound, clean and free from any dust, loose particles and contamination like oil, grease including form-oil compounds.

- Dry and porous substrates should be dampened before application.

### 2. Mixing

- Mix the powder with 15 +/- 1% clean water (6.0 liter per 40 kg bag. SCI Floor Screed 615 is a premixed ready to use product only addition of water is needed for the mixing.

Note: Do not mix with sand

- Add SCI Floor Screed 615 slowly into water and start mixing using electrical hand held drill with a stirrer attachment or mechanical cement mortar / concrete mixer. Manual mixing is not recommended

-Thoroughly mix until a homogenous mix is achieved

### 3. Application

- Pour onto the substrate in 20-40 mm thickness and use a trowel to skim to a leveled finish.

- 8-12 hours after completion protect the surface from evaporation by covering the surface with plastic.

- Allow a minimum of 24 hours curing prior to installing tiles.



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## Physical Properties

Colour	Grey
Dry Density	1500-1700 kg/m <sup>3</sup>
Thickness	20-40 mm
Coverage	2 kg/m <sup>2</sup> .mm
Compressive strength EN13892-2	>20.0 N/mm <sup>2</sup> Class C20
Bond Strength EN 13892-8	>1.0 N/mm <sup>2</sup> Class B1.0
Pot life	2 hours
Shelf life	6 month if product is stored in dry conditions
Packing	40 kg per bag
Storage	Store in a dry condition

## International Standard

SCI Floor Screed 615 is tested according to EN 13813-2002

## Product Safety

Please refer to SCI Material Safety Data Sheet for details

The product is a cement based product and may cause skin irritation. Avoid contact with skin by wearing suitable clothing and gloves. In the event of contact with skin, wash with clean water to minimize possible irritation. If any material gets into the eyes, wash immediately and repeatedly with eyewash or clean water.

If the irritation persists, seek medical treatment.

*DISCLAIMER: All information presented herein, is only intended to give a fair description of the product and their capabilities under such specific test capabilities. However, it does not constitute an offer of warranty by the manufacturer nor a guarantee of its accuracy or completeness in describing the performance or suitability of the various products.*



## METHOD STATEMENT

### **SCI Floor Screed 615**

#### **(Non-Self Levelling Floor Screed)**

SCI Floor Screed 615 is a high quality, durable cement based premixed floor screed specially formulated for casting onto new or old concrete floor. The mix is designed to be easy levelling with assistance of trowels. It can be used for in-door and out-door applications.

The product is supplied as pre mixed screed, only need to mix with water and the material is ready for use.

#### **1. Packing**

- 1.1 SCI Floor Screed 615 is in powder form, packed in 40kg/bag

#### **2. Storage**

- 2.1 Shelf life of 6 months if stored the material is stored in a covered, cool and dry area

#### **3. Surface Preparation**

- 3.1 Ensure the substrate is sound, clean and free from any dust, loose particles and contamination like oil, grease including form-oil compounds.
- 3.2 Uneven surfaces should be grinded down or patched.
- 3.3 Porous substrates should be damped before application.

#### **4. Mixing**

- 4.1 Mix the powder with 15%  $\pm$ 1% clean water (approximately 6.0liter of clean water/40kg bag). SCI Floor Screed 615 is a premixed screed ready to use product only addition of water is needed for the mixing.
- 4.2 Add SCI Floor Screed 615 slowly into water and start mixing using an electrical hand held drill with a stirrer attachment or a mechanical mixer.
- 4.3 Thoroughly mix until a homogenous mix is achieved.
- 4.4 Ensure the mixed screed is consumed within its pot life of 2 hours.

**Note: Do not mix with sand or any other raw materials**

#### **5. Application**

- 5.5 Apply onto substrate manually in one or two layers. Level out the material using a trowel.
- 5.6 Pour onto surface and use trowel to skim to level finish.
- 5.7 Recommended thickness is 20-40mm.
- 5.8 Protect the floor to avoid dry-out and cracking.

#### **6. Finishing**

- 6.1 SCI Floor Screed 615 can be smooth finished by itself or subsequently finished with tiling or other technical mortar/grout refer to manufacturer's recommendation.

Note: The above method statement is only as a guide.

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