

## Flowcrete Floorscreed



### Technical Information

Appearance	Grey
Water/Powder Ratio	0.14 – 0.16 (3.5 – 4 litres of water per 25 kg)
Stiffening Time	Initial: Approx 3-4 Hours Final: Approx 4-5 Hours
Consistency	Homogeneous Cementitious mix
Binder	Ordinary Portland Cement
Filler Material	Graded Silica Sand
Recommended Thickness	10-50mm per layer
Wet Density	Approx 1800 - 1900 kg/m <sup>3</sup>
Coverage	1.3 – 1.5m <sup>2</sup> / 10mm thick / 25 kg bag
Maximum Aggregate Size	5mm
Compressive Strength	> 45 N/mm <sup>2</sup> at 28 days According to BS EN 196

Specifications are subject to change without notification. Results shown are typical but reflect test procedures used. Actual field performance will depend on installation methods and site conditions.

### Precautions

Flowcrete Floorscreed is non-hazardous. However, care should be taken when handling it. Avoid contact with skin, eyes and mouth. In case of eye splashes or excessive skin contact, wash thoroughly with clean water. If irritation persists, seek immediate medical attention.

### Description

Flowcrete Floorscreed is a high quality cementitious product which is easy to use by simply adding water to give an excellent mix. It provides good workability for casting onto new or old concrete floor. Flowcrete Floorscreed is a blend of cement, graded sand and chemical additives.

### Uses

Flowcrete Floorscreed is suitable for use as a normal screed on new concrete substrate or to repair old worn-out substrates in housing estates or industrial floors. It can be used for internal as well as external applications.

### Benefits

- Premixed to ensure good consistent quality and mix
- Easy to use by simply adding water
- Prepacked for convenience in handling
- Eliminates all surface crack lines
- Good weather resistance and high durability

### Surface Preparation

Remove all dust, oil and debris. Dampen the dry concrete surface before application of Flowcrete Floorscreed. For old worn out substrate, the surface should be hacked off and primed with bonding agent before applying Flowcrete Floorscreed.

### Mixing

Add 25kg of Flowcrete Floorscreed to approximately 3.5 – 4 litres of water. Mix with a site drum mixer for 3 – 5 minutes until the desired homogeneous mix is achieved. Ensure that it is free of lump before use.

### Application

Ensure that the substrate is damp and clean. Compact and finish Flowcrete Floorscreed in accordance with standard practice by using wooden float or steel trowel here appropriate. It is important to protect the product during placement and whilst curing from direct sunlight and winds. This is to prevent rapid dehydration or desiccation (excessive moisture loss).

### Curing

In hot ambient temperatures and windy outdoor environment, the screed should be cured with appropriate curing compound to prevent the surface from cracking.

### Pot Life

Approximately forty (40) minutes after mixing.