

# SpECtop SLC

ONE-PART SELF-LEVELLING CEMENT BASED FLOORING COMPOUND

## DESCRIPTION

**SpECtop SLC** is a one-part self-levelling product consisting of specially selected cements, graded sands and plasticisers.

## TYPICAL USES

**SpECtop SLC** is a very low emission floor levelling compound for producing smooth and levelled substrates for a wide range of floor finishes including mineral screeds, concrete, tiles and slabs, natural stones and terrazzo.

*Note: SpECtop SLC to be used in dry areas only. Do not use as a screed or wearing surface and on mastic asphalt screeds.*

## ADVANTAGES

- Self-levelling and pumpable
- Good strength values

## TECHNICAL DATA

<b>Colour</b>	Grey powder
<b>Working time</b>	Approx 20 minutes
<b>Foot traffic</b>	Overnight
<b>Ready for covering</b>	After 24 hours up to 3mm layer thickness After 48 - 72 hours above 3mm layers thickness
<b>Water content</b>	25%
<b>Flow table spread</b>	270mm
<b>Flexural strength of hardened mortars</b>	5.5 N/mm <sup>2</sup>
<b>Compressive strength of hardened mortars</b>	22.69 N/mm <sup>2</sup>
<b>Typical thickness</b>	From 0.5 to 20mm in one single application

## APPLICATION

### Surface preparation

It is essential that adequate preparation is carried

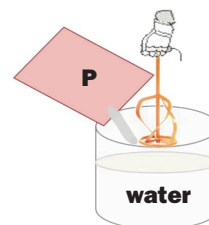
out prior to the application of **SpECtop SLC**. Surface should be clean, free from structural defects, firm, permanently dry, and free of release agents. Light sweep blasting is recommended to ensure the removal of all laitance, grease and oil. Always grind calcium sulphate screeds and vacuum clean.

### Priming

Primer is not required generally for a smooth, sound concrete surfaces. For extremely porous substrates use one coat of **SpECtop SLC Primer** at about 100µm wft and allow it to dry for at least 1 - 2 hours prior to the application of **SpECtop SLC**.

### Mixing

**SpECtop SLC** is supplied as a one-part floor levelling compound.



The specified water quantity should be measured in an accurately graduated vessel and added to the mixer. The bagged powder is then added slowly whilst mixing

using a slow speed heavy duty drill fitted with a suitable mixing paddle (**SpEC Technical Department** can advise). Mix for 2 - 4 minutes.

The recommended water used per 25kg bag is 6.25 litres.

*Do not mix with other levelling compounds*

### Application

Pour the mixed product onto the substrate and spread using a smoothing trowel or spreader. On non-absorbent mineral substrates a minimum layer thickness of 2mm must be applied. Protect the freshly applied compound from direct sunlight and droughts. Do not use in wet or outdoor areas.

### **EQUIPMENT CLEANING**

All equipments may be cleaned with water after use.

### **APPLICATION TEMPERATURE RANGE**

**Minimum** 15 °C  
**Maximum** 25 °C

### **PACKAGING & YIELD**

**SpECTop SLC** is supplied in 25kg bags with a coverage rate of 1.5 kg/m<sup>2</sup>/1mm layer thickness.

**SpECTop SLC Primer** is supplied in 5 and 20 litre packs with a coverage rate of 7 - 10 m<sup>2</sup>/litre.

### **STORAGE & SHELF LIFE**

When stored in a cool environment, in original unopened containers, the material has a shelf life of 12 months.

### **HEALTH & SAFETY**

The product is non-toxic but is mildly alkaline. Gloves should be worn during use. Splashes to the skin should be washed with clean water. Accidents splashes to the eyes should be washed with water but should prolonged irritation occur, medical advice should be sought.

### **FLAMMABILITY**

**SpECTop SLC** and **SpECTop SLC Primer** are non-flammable.

Issue 2: 01/2017

**QA-054**

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