



## ScreedLite data sheet

### Lightweight, Insulating, Perlite-based Screed

<b>Product description</b>	CemteQ ScreedLite comprises special blends of high quality cement and lightweight, insulating Perlite aggregate in the correct mix proportions to ensure an exceptional screed every time.
<b>Composition</b>	CemteQ ScreedLite consists of a blend of 42,5R grey cement and SunPerl Construction Grade IM100 Perlite.
<b>Advantages</b>	ScreedLite is an insulating, lightweight, Perlite-based composite screed that is most commonly used in under-tile heating applications to prevent downward heat loss or on flat roofs to create an insulating, lightweight slope to fall.
<b>Uses</b>	<ul style="list-style-type: none"><li>○ Thermal insulation</li><li>○ Lightweight</li><li>○ Fire-protection</li><li>○ Acoustic insulation</li></ul>
<b>Mass per bag</b>	12.5kg
<b>Volume per bag</b>	35l
<b>Coverage per bag</b>	1 bag of CemteQ ScreedLite will cover approximately 0.85m <sup>2</sup> at 30mm thick.
<b>Bulk Density</b>	Loose = 360-370kg/m <sup>3</sup> In-situ cured = 460-590kg/m <sup>3</sup>
<b>Compressive strength</b>	Typically between 3.2MPa and 4.3MPa at 28 days dependent on water content.
<b>Conductivity (W/m·K)</b>	0.09497
<b>Application temperature</b>	+8°C to +35°C.
<b>Water requirement</b>	4 to 4,5 litres of potable water dependent on ambient temperatures
<b>Product colour</b>	Grey
<b>Description of bag</b>	White paper bag with valve spout
<b>Shelf Life</b>	3 months from date of manufacture printed on the packaging when stored at below 35°C under shade in a dry environment.

## **INSTALLATION GUIDELINES**

### **Preparation and Mixing**

1. ScreedLite should be mixed manually to avoid product densification.
2. Empty all of the contents of the bag. It is NOT advisable to use a portion of a bag as some settlement of the material may have occurred during transit.
3. Use only clean, drinkable water and mix to an even dry-mix consistency on a pre-wet surface. DO NOT OVERMIX.
4. Spread the mix and TAMP DOWN GENTLY. Perlite particles are fragile and overmixing will cause the Perlite to pulverize, resulting in performance loss.
5. DO NOT OVERWATER as too much water will weaken the mix.
6. DO NOT REWORK by mixing in additional water.
7. After the completion of the surface finishing, cover with plastic sheeting for at least 7 days to prevent loss of moisture. In cold weather, this period should be extended.

For a step-by-step guide to applying the product, please request our "How-to screed a floor or roof" document or download it from our website at [www.cemteq.com](http://www.cemteq.com).

### **Storage instructions**

Keep in a dry place. Protect bags from rain, water and moisture. Place on a raised wooden platform or on plastic sheeting to prevent rising damp. Use within 3 months of the date of manufacture printed on the bag.

### **Health and Safety**

Always wear suitable protective clothing, boots, gloves and safety glasses. If contact with skin or eyes occurs, wash with water immediately. If irritation continues, seek medical advice. Please refer to the Material Safety Data Sheet (MSDS) prior to the use of this product. E-mail [info@cemteq.com](mailto:info@cemteq.com) or call +27-11-824-4600 for a copy of the MSDS.

### **Disclaimer**

For satisfactory results, these instructions need to be followed carefully. CemteQ has no control over how this product will be stored, handled or used and therefore will not be held responsible for its performance.

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