



## Light Screed

### Product Description

Cement-based, high-quality granulometric sand, applied manually and pumped by machine, does not give too much weight to the structure, has high compressive strength.

### Areas of Use

- In the interior floors of all buildings subject to medium and heavy pedestrian traffic
- It is used in places where it is desired to create a suitable floor before finishing coat, ceramic, parquet laminate, pvc.

### Advantages

- It is ready for use.
- It saves time and labor.
- It allows application by hand and screed machine.

### Preparation of the Surface

- The surface should be clean, dry, smooth and firm.
- Paint, plaster, concrete and any adhesive residues should be scraped out.
- The surface must be cleaned from dust by sweeping.
- Regional defects should be repaired with Newkim Repair Mortar.

### Preparation of Mortar

- 25 kg of Newkim Light Screed should be added to an average of 5.5-6.5 liters of clean water and mixed with a low speed hand mixer until it reaches a homogenous consistency.
- The mortar is left to rest for 5 minutes and mixed again for 1-2 minutes.



### Application Details

- It is laid on the surface of 2-5 cm thick and gauged by hand using a screed machine. When the surface is set, correction is made by mechanical finishing.
- The floor should be wet 1 day before the application.
- If the floor has a water absorbent feature, application should be done by moistening it. On old concrete surfaces, the surface should be primed with Newkim floor lining.
- Newkim Light screed should be applied in 2 - 5 cm thickness.

### Application Requirements

- Ambient temperature is between +5 °C and +35 °C.
- Avoid application in very humid and / or very hot weather, under strong wind or sun.
- It should not be applied on surfaces that are frozen, melting or that are in danger of frost within 24 hours.

### Application Tools

Spreading equipment, trowel, gauge tool

### Warnings and Recommendations

- No materials (lime, cement, gypsum, etc.) should be added to the prepared mortar.
- Expired mortars should not be mixed with water or dry mortar and used again.
- Application should not be made on very hot or frozen surfaces that have been exposed to the sun for a long time.
- For the durability of the product, the surface should be watered periodically within 7 days after application (unless curing fluid is used).
- Do not go beyond the specified application surface and instructions for use.
- Do not breathe, wash with plenty of water in contact with eyes, seek medical advice if necessary.
- Since it is a cement based material, gloves should be used during application.
- The packaged product should not be stored in humid environments.

### Technical Information

Technical Information is relative to 55% ( $\pm 5$  °C) relative humidity environment at 23 °C ( $\pm 2$  °C).

Appearance	Gray colored rough powder
Powder Density	1.35 g / ml ( $\pm 0.1$ )
Application Temperature	+5°C with +35°C between
Grain Size Distribution	0 - 3 mm
Bending Strength	> 1 N/mm <sup>2</sup> (28 days)
Compressive Strength	> 7 N/mm <sup>2</sup> (28 days)
Opening to Pedestrian Traffic (At 20°C)	minimum 24 hours



#### Consumption

12-15 kg / m<sup>2</sup> for  
1 cm thickness



#### Packaging

20 kg. Kraft Bag



#### Shelf Life

1 year from the date of production  
in drought and dry environments



#### Color

Gray