



## Self-Leveling Screed

### Product Description

It is a cement-based, easy-to-apply, self-leveling leveling screed.

### Areas of Use

It is used as a levelling screed before finishing on the interior floors of all buildings subject to heavy traffic.

### Application

#### Surfaces Indoors;

- Cement-based screed,
- Concrete flooring,
- Prefabricated concrete.

### Advantages

- Suitable for floors subject to heavy pedestrian traffic.
- It is suitable for leveling disorders between 1 and 5 mm.
- It shows perfect propagation.
- It doesn't crack and blister.
- It provides smooth surface.
- You can walk on it 2 hours after the application. (23°C)
- It can be applied by pump.

### 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 should be dust-free by aspiration and/or sweeping.
- Regional defects should be repaired with Newkim Repair Mortars.
- The surface should be primed with Newkim SBR-404 Curing Fluid at least 30 minutes before the application of Newkim Leveling Screed.



- When the primer is not used, the surface should be cleaned with water for 30 minutes before application. It must be moistened first.

### Preparation of Mortar

- 25 kg. An average of 5,5-6,5 lt of clean water
- should be added to Newkim Self-Leveling Leveling Screed.

- The Newkim Self-Levelling Screed should be
- mixed for about 3 minutes with a low speed hand mixer until it reaches a homogenous consistency.

- The prepared mortar should be emptied
- onto the ground and wiped to fill the roughness of its surface.

- The Newkim Self-Levelling Screed spreads
- itself.

- Indentations should be adjusted with a thick
- trowel.

- The spreading material should be flattened
- with a porcupine roll if necessary.

- If the mixer is applied with the pump, the
- width of the area should not exceed 6 meters in order not to disrupt the spread of the material together.

- Wide area applications should be done every
- 10 m<sup>2</sup>.

### Application Limit

- It is not applied on floors that are constantly
- wet or exposed to moisture.

- It is not applied on non-durable and loose
- surfaces.

- It is not applied in outdoor and industrial
- areas.

- It is not applied on wooden floors. It is not
- left as a final coat.

- It is not applied on tile or ceramic surfaces.
- It is not applied parquet or wooden surfaces,
- PVC and painted surfaces.

### Application Requirements

The ambient temperature should be between +5 °C and +35 °C.

### Post-Application Options

- Wood, laminated or laminate parquet, ceramic, carpet, PVC coatings can be applied on floors where Newkim Self-Leveling Leveling Screed is applied.
- Consult for other coating materials.

### Application Tools

Steel trowel, hand mixer, porcupine roll.

### Warnings & Suggestions

- Dilation joints, if any, should be respected.
- The profile should be used in accordance with the thickness of the final coat to be applied.
- Water rates must be respected.
- Foreign materials should not be added.
- Areas such as wall edges, front doors should be covered with profiles or tapes.

### Technical Information

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

View Application	Grey Powder
Temperature	+5°C / +35°C
Self-Spreading Time of Mortar	Max. 15 minutes
Time Required to Open the Ground to Pedestrian Traffic	Min. 2 hours
Time to Wait For Final Coating;	
Parquet, PVC Coating	Min.24 hours (10 mm )
Ceramic, Carpet Coating	Min.12 hours (10 mm )
Application Thickness;	
Floors Exposed to Medium Density Pedestrian Traffic	3-10 mm
Floors Exposed to High Density Pedestrian Traffic	5-10 mm
Compressive Strength	35 N/ mm <sup>2</sup>
Bending Strength Bond	6 N/ mm <sup>2</sup>
Strength	$\geq 2$ N/ mm <sup>2</sup>



#### Consumption

1,7 - 1,8 kg /m<sup>2</sup>  
(For 1 mm thickness)



#### Packaging

25 kg. Kraft Bag



#### Shelf Life

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



#### Color

Gray