

**SELF-LEVELLING MORTAR**  
INTERIOR AND EXTERIOR FLOORS  
THICKNESS 7-20 MM.

**123**  
**LANKOFLOOR**

F L O O R I N G

**LANKO**



**CHARACTERISTICS**

- **Application thickness : 7-20 mm.**
- **Self-levelling**
- **Excellent adherence.**
- **Compatible with traditional floor-coverings.**
- **Can be left bare.**

**DESCRIPTION**

123 LANKOFLOOR is a self-levelling screed for old and new interior and exterior floors. Application thickness is between 7 mm and 20 mm. It is a ready-to-wet mortar for preparing substrates before laying thin coverings or resurfacing.

123 LANKOFLOOR can be covered with most floor-coverings or can be left bare.

**USES**

Suitable for balconies, terraces, individual or collective garages, etc...

**Permissible substrate :**

- Mortar screed.
- Concrete slabs.
- Prefabricated elements.

**Possible covering materials :**

- Carpet.
- Vinyl sheeting.
- Ceramic tiles.
- Parquet.
- Rubber.
- Floor paints.

**SPECIFICATIONS**

- Appearance : Grey powder.
- Particle size : 0-4 mm
- Bulk density : 1.6±0.1
- Pot life : 20 minutes
- Open to light traffic : 6-12 hours
- Time before covering (at 7 mm thick)
  - Floor paints : > 7 days
  - In other cases : > 3 days

Performance\*

Bond strength by slant shear test : ASTM C882\*

7 days 6 MPa

28 days 7 MPa

Compressive strength : ASTM C109\*

7 days 30 MPa

28 days 40 MPa

\*Average laboratory values provided as a general guide.



#### COVERAGE

1.8 kg/m<sup>2</sup>/mm.

#### PACKAGING

- 25 kg bag.

#### STORAGE

1 year from date of manufacture if stored in unopened original packing in dry, frost-free conditions.

### WORK INSTRUCTIONS

#### Substrate preparation

- Substrates must be compliant with building regulations in force and at least 28 days old.
- Substrates must be clean, sound, solid, dust-free and without any traces of oil, laitance, curing compound, cracks, plaster or paint and any other product, which may affect bonding.
- Scrape, brush off or vacuum clean all traces of plaster, laitance, paint, non-bonded adhesive.
- Substrates bearing excessive traces of wax, grease or paint must be stripped.
- All substrates must be thoroughly dusted.

#### Priming

- Normal substrate : soak the substrate several hours and remove excess water prior to application.
- Smooth, dense or porous substrate : apply 751 LANKOLATEX on the substrate. This layer must still be fresh when pouring 123 LANKOFLOOR.

#### Product preparation

- Machine-mix (approx. 500 rpm.) one 25 kg bag of 123 LANKOFLOOR with 3.5-4 litres of clean water (i.e. 14-16% water content) until the compound is evenly distributed and lump-free. The powder must be poured into the water.
- Leave the mixture to stand for several minutes.
- No water must be added once the mixture has been left to stand.

#### Application

- The mixture is gradually poured onto the substrate prepared in accordance with the mentioned instructions.
- Once the mixture has been cast, a screed board, pressed on the battens, a spike roller or stainless steel float should be used for levelling.
  - On forward strokes hold the float almost vertical in order to remove air bubbles.
  - On backward strokes hold the float almost horizontal in order to obtain the required thickness.

#### Joint

- Joints should be made using a machine saw or by laying a plastic tracking strip.
  - Every 25 m<sup>2</sup>, at a maximum distance of 8 m, if the surface to be painted or left bare.
  - Every 50 m<sup>2</sup>, at a maximum distance of 10 m, in all other cases.
- Pre-existing construction or expansion joints must be respected.

### PRECAUTIONS

- Temperature range for use : 5°C to 35°C.
- Do not apply in full sunlight or on hot substrate.
- In cold weather, the temperature of mixing water should be above 10°C.
- As soon as the mortar begins to set, the exposed surface should be treated with a protective coating (e.g. 361 LANCURE), preferably by spraying.