

NESCOAT® FLOOR SL PLUS

Self-Leveling Screed

DESCRIPTION

NESCOAT® FLOOR SL PLUS is a cement-based, polymer-modified, self-leveling floor screed with a thickness application range of 2-10 mm.

APPLICATION AREAS

- Suitable for indoor applications on concrete floors, precast concrete, and cement-based screed surfaces.
- Ideal for repairing worn, aged, or uneven surfaces to achieve a smooth and durable finish.
- Provides a suitable base for PVC, laminate, wood, carpet, or ceramic floor coverings.
- Compatible with underfloor heating systems covered with screed.
- Suitable for use on floors exposed to medium and heavy pedestrian traffic.

ADVANTAGES

- Self-leveling property ensures a smooth and even surface.
- Minimizes the need for manual leveling, offering quick and easy application.
- Saves on labor costs due to its fast and simple application.
- Forms a wear-resistant and dust-free surface.
- Offers high adhesion strength without shrinkage or cracking.

SURFACE PREPARATION

The substrate must be level, clean, dry, and structurally sound to support the overlying application. Ensure the surface is free from dirt, dust, and materials that could impede adhesion. In hot weather, moisten the substrate without leaving standing water. Major cracks and surface irregularities should be repaired using **NESCOAT** repair mortars to ensure an even level. To facilitate mortar spread and prevent air bubble formation, apply **NESCOAT® UNIPRIME** primer on the surface.

MORTAR PREPARATION

Gradually add 25 kg of **NESCOAT® FLOOR SL PLUS** to 6-6.5 liters of clean water while mixing with a low-speed mixer for approximately 3 minutes until a homogenous, lump-free mixture is obtained. The prepared mortar should be applied immediately and used within 20 minutes. Do not add water or product to hardened material.

APPLICATION

- Pour the mortar onto the substrate, starting from the wall side.
- Spread evenly to the desired thickness using a screed rake or trowel.
- For a smoother finish and to release trapped air, roll the surface carefully with a spiked roller.
- Once leveling and spiked rolling are complete, allow the surface to cure.
- Complete the application without interruptions.
- For large areas, use screed dividers for a uniform application.

CONSUMPTION

- 1,5 kg/m² (per mm thickness)

The specified consumption amounts may vary depending on the surface and application conditions. A sample application is recommended for accurate consumption measurement.

WARNINGS AND RECOMMENDATIONS

- During application, ambient and substrate temperatures should be between +5 °C and +35 °C.
- Do not exceed the specified amount of water, as this may negatively affect the product's strength and surface quality.
- Do not apply on weak or loose substrates.
- Not suitable for industrial flooring.
- Should not be used as a final surface layer.

STORAGE AND SHELF LIFE

- Protect the product from moisture, heavy sunlight, and frost.
- Store with a maximum of 2 pallets stacked on top of each other.
- Shelf life is 12 months from the date of manufacture under proper storage conditions.
- Opened packages should be tightly sealed and used within one week.

PACKAGING

25 kg kraft bag (PE reinforced)

SAFETY RULES

- Appropriate protective equipment (clothing, gloves, goggles, mask) should be used during application.
- In case of contact with the skin, the affected area should be washed with plenty of water.
- For more detailed information, please refer to the Material Safety Data Sheet (MSDS).

QUALITY CERTIFICATES

- Complies with the ISO 9001:2015 quality management standard.
- Complies with the TS EN 13813 building materials standard.
- CE marked, compliant with EU standards.



TECHNICAL SPECIFICATIONS

Feature	Value
Appearance	Grey Powder
Compressive Strength	≥ 25 N/mm ²
Flexural Strength	≥ 7 N/mm ²
Reaction to Fire	A1

*The values mentioned above are valid for +23°C and 50% relative humidity.

LEGAL DISCLAIMER

The information in this document has been prepared based on NESCAOT's laboratory tests and field experience. NESCAOT is not responsible for any adverse outcomes resulting from the use of the product outside of its intended purpose or failure to comply with the conditions stated above.