



TECHNOSELF LEVELLING 4201

Description:

Self-leveling flooring compound, smoothing the differences in thicknesses from 2.5 to 10 mm on new and existing interior floors where high resistance to loads and traffic is required.

Usage Areas:

Leveling concrete slabs and cementitious screeds. Under wood, laminated parquet, carpet, PVC, linoleum, and ceramic flooring. Leveling existing concrete pavements, terrazzo, ceramic, and natural stone. Floors subject to high loads and heavy traffic like depots against dusting and abrasion.

Properties:

Perfectly self-leveling.
High adhesion strength.
Can be spread in thicknesses up to 10 mm per coat without shrinkage, cracking, or crazing.
Develops very high compressive and flexural strength.
Resistant to abrasion.

Performance Data:

Compressive Strength (TS EN 13813): $\geq 20 \text{ N/mm}^2$ (28 days) - C20
Flexural Strength (TS EN 13813): $\geq 4 \text{ N/mm}^2$ (28 days) - F4
Abrasion Resistance (TS EN 13813): $\leq 20 \text{ cm}50/3\text{cm}^2$ - A22
Service Temperature Range: $(-30^\circ\text{C}) - (+80^\circ\text{C})$
Dangerous Substances: See SDS.
Reaction to Fire: A1





Application:

Pour Empire Techno Self-Leveling 4201 slowly into the specified amount of clean water.
Mix with a low-speed mixer to obtain a homogeneous self-leveling mix without lumps.
Allow the paste to stand for 3-2 minutes to mature.
After remixing, it is ready for application.
Pour out the mixture onto the surface and distribute evenly using a smoothing trowel or a screening rake.
Where possible, spread to the desired thickness in one application.
Flow and surface quality can be improved by removing air using a spike roller.

General Data

Appearance: Grey powder
Shelf Life: 12 months when stored in the original sealed packing in a dry place.

Storage:

Keep dry at +5°C to +35°C in moisture-free conditions.
Avoid direct sunlight, water, frost, and adverse weather conditions.
Shelf life: Maximum 12 months if stored under proper conditions.

Application Data:

Application Temperature Range: (+5°C) - (+35°C)
Mixing Ratio: 5.25 - 4.75 liters water / 25 kg powder
Pot Life: 20 minutes
Ready for Use:
8 hours (set to light traffic)
24 hours (waiting time before bonding)
48 hours (complete curing)
Consumption: 1.7 - 1.5 kg/m² (per 1 mm thickness)

Package:

25kg multi-ply paper bags

