

Levelling Compound

Economical levelling compound for:

Profifix™ Ultra-Low-Profile Screed System 10mm to 12mm diameter pipe

Profifix™ PLUS Low-Profile Screed System 14mm to 17mm diameter pipe

Profifix™ Levelling Compound is a pumpable, high flow, economical levelling compound for interior use in areas with normal levels of wear.

Technical Data:

Water addition:	5 litres / 25 kg
Application temperature:	+ 15 °C to + 25 °C
Minimum floor temperature:	+ 15 °C
Open time:	20 – 40 minutes*
Curing time:	approx 24 hours*
Flexural strength:	5 N/mm ² (after 28 days)
Compressive strength:	30 N/mm ² (after 28 days)
Flow Ring test:	140 mm
Wet Density:	approx 2050 kg/m ³
pH Value:	11 (at 20 °C)

*At 20 °C and 65 % relative humidity. Dependant on depth of application and surface porosity.

Substrate:

The substrate must be sound, load-bearing, dry, free from cracks, clean and free from materials (dirt, oil, grease) that would impair adhesion. Test in accordance with applicable standards and notices and report any deficiencies. Prepare the substrate, vacuum and prime.

Application:

1. Pour 5.0 litres of cold, clean water into a clean container. Add sack contents (25 kg) whilst stirring vigorously until a smooth and lump-free compound is obtained. Use a heavy-duty drill with a suitable levelling compound mixer attachment (minimum 650rpm).
2. Pour the compound onto the Profifix™ panels / Profifix™ PLUS panels and distribute evenly using a smoothing trowel or smoothing compound rake. The surface finish can be improved by use of a spiked roller.

Drying:

Light foot-traffic after approximately 4 hours*. Apply floor coverings after approximately 24 hours*. Low floor temperatures or high humidity will delay drying and readiness for covering.

*At 20 °C and 65 % relative humidity and a substrate temperature of 18 °C.

Observe the product data sheets and all national regulations and standards. No liability will be accepted for any work carried out using this product. If in doubt, conduct your own tests.

Coverage:

1 x 25kg bag of Profifix™ Levelling Compound mixed with 5.0 litres of clean water gives:

Profifix™ Panel

approximately 1.1m² coverage for 15mm overall thickness and approximately 0.9m² coverage for 18mm overall thickness when combined with **Profifix™ Panels** incorporating a 12mm O.D. pipe @ 150mm centres.

Profifix™ PLUS Panel

approximately 0.68m² coverage for 20mm overall thickness, approximately 0.55m² coverage for 25mm overall thickness, and approximately 0.47m² coverage for 30mm overall thickness when combined with **Profifix™ PLUS Panels** incorporating a 16mm O.D. pipe @ 150mm centres.

Storage:

Shelf life is 6 months when unopened and stored in dry conditions. Carefully and tightly re-seal opened packaging and use the contents as quickly as possible. Protect against moisture and frost.

Protection of the workplace and the environment:

Profifix™ Levelling Compound is a sustainable product due to very low emissions. Contains cement, low chromate content as per Regulation (EC) No 1907/2006 (REACH). Store out of reach from children! Wear protective gloves. Wear protective dust mask when mixing. Ensure thorough ventilation during and after working /drying! Do not eat, drink or smoke while working with the product. In the event of contact with the eyes or skin, rinse immediately with plenty of water.

Do not dispose of into the sewer system, open water or the soil. Clean tools with water and soap immediately after use. The basic prerequisites for optimal room air quality after floor covering work consist of installation conditions conforming to standards and well-dried substrates, primers and levelling compounds.

Disposal:

Do not dispose of into the sewer system, open water or the soil. Paper sacks can be recycled when emptied and free from any residues. Collect product residues, mix with water, allow to harden and dispose of as construction waste.

