



F.5001 PRO-SCREED WATER MIX SMOOTHING COMPOUND

Floorwise F5001 Pro Screed Water Mix Smoothing Compound is used for the levelling and smoothing of sound, uneven floors of concrete, sand/cement, granolithic, terrazzo and ceramic tile prior to laying decorative floorcoverings.

Uses:

F5001 can be used with the following substrates: concrete, sand/cement screeds, stone, anhydrite (calcium sulphate) screeds*, rigid metal, terrazzo & quarry tiles.

*Anhydrite (calcium sulphate) screeds must be primed with an epoxy primer prior to applying F5001

Direct-to-earth subfloors must have an effective damp-proof membrane.

Underfloor heating should be switched off 48 hours before and after laying the floorcovering, then gradually increased after this period.

Do not use Floorwise Pro Screed F5001 over existing floor coverings.

If in any doubt as to the suitability of the smoothing compound for the installation, please contact our Technical Department or carry out tests to establish suitability.

Directions for Use:

Before starting work using F5001 Pro Screed Water Mix Smoothing Compound, please refer to the section headed "Handling Precautions" and to the separate Safety Data Sheet.

Preparation:

All phases of the installation should comply with the latest editions of the British or International Code of practice standards.

SUBFLOOR: Subfloors must be sound, clean, dry and free from rising damp, grease, dust or any loose material. Fill any deep depressions with Floorwise F5003 Pro Screed Rapid Repair Mortar and allow to dry.

Where Pro Screed F5001 is being laid over a new slab, carry out hygrometer tests to test for moisture. Readings of above 75% RH will require the use of a surface membrane.

For recommendation on Floorwise surface membranes please refer to our suitability chart or contact Floorwise Technical Services.

Specification:

Constitution:	Powder: Graded aggregates/cement
Colour:	Powder: Light Grey
Flashpoint:	Non-flammable
Coverage:	Approx 5m ² at 3mm thickness when 23kg powder mixed with 5 litres liquid
Application Temperature:	+5°C – +30°C.
Application Thickness	up to 40mm
Drying Time:	Approx. 3-4 hours, light foot traffic at 20°C. Approx 12 hours for loose laid floorcoverings and 24 Hours for bonded floorcoverings.
Storage & Shelf Life:	Powder: Store in original unopened sacks in a cool dry place. PROTECT FROM DAMP. Shelf Life at least 6months when stored as above.
Packaging:	Powder: 25kg sacks





Preparation Continued:

PRIMING: Prime porous substrates with Floorwise F5004 Pro Screed Universal Primer diluted with 2 parts water before application. When using F5000 SBR, to improve the adhesion to non-porous surfaces apply the primer neat and allow to dry.

MIXING: Materials are in ready to use quantities of 23kg powder and 5 litres of liquid. Pour the liquid into a mixing container and add the powder gradually, stirring continually with an electric stirrer. Use the mixed compound immediately.

If the mix stiffens before it has been spread, it must be discarded. Do not add water or extra latex. The correct mix allows any application from 6mm/10mm down to featheredge. For best results a minimum 3mm application is recommended.

If the compound is to be used at greater depths it may be necessary to bulk it out with 3mm Granite Chippings. To the mixture of 1 bag of powder and 1 bottle of liquid, half a 25kg bag of chippings should be added with the mixture being continually stirred until thoroughly mixed.

	F5000 LX	F5000 SBR
Normal applications:	up to 6mm	up to 10mm
Bulked for thickness	6mm to 10mm	12mm to 20mm

Application:

Use a steel screeding trowel, spread evenly over the floor surface to get the required thickness. Once laid, a second trowelling can be carried out after 15 to 30 minutes depending on site conditions. If any trowel marks remain after the compound has set these can be rubbed down using a sanding block.

When used over a surface damp-proof membrane, or other impervious surfaces, it is essential that a minimum 3mm thickness is applied, in order to provide an absorbent medium for the adhesive. Priming with F5004 Pro Screed Universal Primer will be essential over surface membranes.

Drying Time (3mm Thickness):

Using F5000 LX: Before laying a textile floor covering, the smoothing compounds should be left for 12 hours for unbonded and 24 hours bonded. For impervious floor coverings allow 24 hours. Floorwise F5000 LX will take light foot traffic after 3-4 hours, dependent upon site conditions.

Using F5000 SBR: Before laying a textile floor covering, the smoothing compounds should be left for 8 hours for unbonded and 18 hours bonded. For impervious floor coverings allow 24 hours. Floorwise F5000 SBR will take light foot traffic after 1½ hours, dependent upon site conditions.

Maintain a room temperature of 13-18°C and a sub-floor temperature of at least 5°C. Walk on time and cure time will be delayed if the powder and liquid have been stored at temperatures below 10°C and then used on a cold floor.

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Clean immediately after use with clean water.

Handling Precautions:

Skin Contact: Floorwise F5000 Latex mix is normally non hazardous. The product, however, contains cement, which when mixed with water, produces an alkaline mortar which can cause severe irritation (and in extreme cases burning), if prolonged contact takes place. Wear protective gloves.

Eye Contact: Could be harmful. In the event of accidental contact, irrigate eyes immediately with clean, cold water for 15 minutes and obtain medical attention.

Inhalation: Mix in a well ventilated area and avoid inhalation as Floorwise F5000 Latex mix contains ammonia which can cause irritation during mixing and application, especially in confined spaces. Wear protective face mask.

Oral Ingestion: With proper handling this should not occur. The possibility can be minimised by not consuming food in the working area and by washing hands thoroughly before eating, drinking or smoking.

Spillage: Spilt powder should be brushed up and spilt liquid or mixed material mopped up immediately with an inert, absorbent material, such as sand, and disposed of in accordance with regulations.

Disposal of Containers: Do not leave sacks or bottles on site where residue could be a hazard to children, animals or the environment. Remove to a central disposal point.

