



F.5000 PRO-SCREED 2 PART LATEX SMOOTHING COMPOUND

Floorwise F5000 Pro Screed 2 Part Latex Smoothing Compound is used for levelling uneven floors before laying decorative floor coverings. Suitable for use over most substrates and adhesive residues.

Uses:

Floorwise F5000 Powder can be mixed with either F5000 LX (latex liquid) or F5000 SBR (synthetic latex liquid).

F5000 LX can be used with the following substrates: Concrete, Sand/cement Screeds, Stone, Anhydrite (calcium sulphate) screeds*, Rigid Metal, Terrazzo & Quarry Tiles, Asphalt, Old bituminous residues.

F5000 SBR 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 F5000.

Floorwise F5000 Pro Screed 2 Part Latex Smoothing Compound is not suitable for use over old tackifier, water soluble residues or timber. It must not be regarded as a substitute for a damp-proof membrane in direct-to-earth floors and must not be used over existing vinyl or similar resilient floorcoverings.

It is suitable for use with underfloor heating installations provided a maximum temperature of 27°C is not exceeded. Heating should be switched off at least 48 hours before and after applying the compound then gradually increased after this period.

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 F.5000 2 Part Latex 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 should 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.

Specification:

Constitution:	Powder: Graded aggregates/cement LX Latex: Natural Latex SBR Latex: Synthetic Latex
Colour:	Powder: Light Grey LX Latex: White SBR Latex: White
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	Using LX: Normal applications: up to 6mm Bulked for thickness: 6mm to 10mm Using SBR: Normal applications: up to 10mm Bulked for thickness: 12mm to 20mm
Drying Time:	Using LX Latex Approx. 3-4 hours, light foot traffic at 20°C. Approx 12 hours for loose laid floorcoverings and 24 Hours for bonded floorcoverings. Using SBR Latex: Approx 1½ hours light foot traffic at 20°C. Approx 8 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 6 months when stored as above. LX & SBR Liquids: Store in original unopened containers out of direct sunlight with the temperature range +5°C and +40°C. PROTECT FROM FROST Shelf Life: At least 12 months when stored as above.
Packaging:	Powder: 23kg sacks LX Liquid: 5 Litre polybottles SBR Liquid: 5 Litre polybottles





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.

Cleaning:

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.

