FLOOR+

SP30/SLP Self Leveller

A refined cement and polymer based levelling and smoothing compound designed for internal use as a smoothing substrate for the installation of residential and light-commercial floor coverings, including tile, timber, laminate, bamboo, vinyl and carpet.

SP30 Multi-Purpose Self Leveller

A high-strength self levelling compound to smooth off uneven construction substrates, designed primarily for concrete-based substrates. It is suitable for residential and light commercial areas, serving as a strong substrate for timber, parquetry, resilient, vinyl, linoleum, carpet and tile floor materials are applied to the surface.

Usage Areas

FLOOR+ SP30 is designed for most fixed and stable substrates, including:

- Concrete, screed, existing levelling compounds, compressed fibre cement.
- Ceramic tiles, terrazzo, quarry
- Over radiant floor heating systems
- New and existing strip timber, particleboard, plywood (must be stable and not exhibit any movement). If in doubt, use Floor+ SUPERFLEX (SF35) leveller, a stronger leveller reinforced with fibreglass for enhanced flexural strength.

Please note SP30 is not suitable over floating floors, resilient floor coverings and direct stick timber flooring. If overlaying vinyl floor coverings on a timber-based substrate, it is recommended Floor+ SF35 is used.

Subfloor Preparation

The subfloor must be dry, firm, free from contaminants e.g. oil, hollowing, cracks, sand, dust, grease, adhesives, levelling cement, wax and other substances which could prevent adhesion. Any weakness or potential future movement must be removed, such as through brushing, abrasion, grinding or shot-blasting. Thoroughly vacuum to remove loose material and dust. For timber or particleboards, the substrate should be completely fixed, stable and there should be no movement or future risk of movement between boards. It is recommended that SF35 SUPERFLEX is used for timber-based substrates as most demonstrate risks of bouncing and movement that may cause risk of cracking in standard levellers.

Application

1. Porous substrates should use our CP Primer or our Multi-Functional Primer. Timber-based and non-porous substrates (which are more challenging) should be primed with Floor+ HP Primer.
2. Put 4.4 - 4.8L of cold clean water into a clean container. Sprinkle in the 20kg bag whilst stirring briskly and mix to a thick-fluid lump-free consistency. Use a drill or mixer fitted with a mixing paddle. Do not mix too thinly. For the best flow and to prevent clumping, mix for 3 whole minutes.
3. Pour the mixture on the area to be applied, spread the material uniformly to required thickness using a toothed rake. Remove the air bubbles with a spiked roller.
4. Drying and suitable laying time at 20°C is approximately 24 hours. Thickness, air-flow, humidity and temperature will affect drying times, so a moisture test is recommended before installling floors.

Important Notes

1. Minimum shelf-life is 6 months in original packaging and in dry storage conditions. Tightly seal opened packaging and use the contents as quickly as possible.
2. Best applied at air temperature between 18 - 25°C, substrate temperature above 15°C and relative humidity below 75%. Low temperatures and high humidity delays setting, drying and readiness for covering. High temperatures shorten the working time, so the coolest possible mixing water during should be used during summer.
3. The product should be protected agains frost and direct light during transportation, storage and application. Application temperature should not be lower than 5°C.
4. For timber-substrates with any risk of movement, please use our SF Self Leveller. SP should only be applied to stable timber-based substrates with a recommended minimum thickness of 8mm.
5. Please ensure all PPE equipment i.e. dust mask and protective eye equipment are worn during installation and refer to the SDS.

Technical Data

Important Data:

- Coverage: ≈3mm / 4 - 5m^2
- Thickness: 2.5 - 50mm
- Mixing Ratio: 4.4 - 4.8L

Tensile Bending Strength:

- After 1 day: ≈4mpa
- After 7 days: ≈5mpa
- After 28 days: ≈6mpa

Timeframes:

- Working: 20 - 30 Minutes
- Walking: 2 - 5 Hours
- Flooring Install: 18 - 72 Hours

Compressive Strength:

- After 1 day: ≈15mpa
- After 7 days: ≈25mpa
- After 28 days: ≈30mpa

Conditions may vary from site to site and it is your responsibility to confirm the best application procedure and suitability. For technical support please contact your dealer or us via email at orders@floorplus.com.au. For commercial, larger-scale, or multi-residential projects, we can provide technical site-inspections and recommendations.