FLOOR+

SS40 SUPERSET

High-performance commercial-grade self-leveller with exceptional strength and surface smoothness for direct-stick floor applications. Also suitable as a surface floor (polished concrete) for commercial and industrial usage.

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High-strength self levelling compound to smooth off uneven construction substrates, designed especially for high-traffic, heavy-duty spaces and stable timber-based substrates. It is particularly popular for direct-stick floor coverings, with an exceptionally smooth and low-dust surface. It can also be used as a surface floor i.e. polished concrete floors when used with a surface sealer.

Usage Areas

SS40 is an indoor / outdoor levelling compound designed to level challenging substrates that may require a higher-strength and smoother compound. Areas of usage include industrial, warehousing, carparks, balconies, showrooms, shopping centres and wet areas, and can be poured over:

- Compressed fibre cement flooring, terrazzo, quarry, ceramic tiles, slate, screed
- New and existing strip timber, particleboard, plywood, masonite boards (recommended minimum thickness of 5mm for timber-substrates)
- Over radiant floor heating systems

Additionally, it is suitable for wet-area usage when sealed and as a surface overlay floor. It can be polished (polished concrete), sealed, combined with aggregates and pigments for visual effect. Please note it is not suitable over floating floors, resilient floor coverings and direct stick timber flooring. Surface overlay floors should be surface sealed.

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 between boards. Loose boards need to be re-screwed or re-nailed and firmly fixed.

Application

1. The substrate must be primed with the correct primer based on the substrate, following instructions on the bottle. Generally CP Primer is recommended for porous substrates e.g. concrete and HP Primer for non-porous and timber substrates.
1. Put 4 - 4.4L 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.
2. 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.
3. 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 SF35 Self Leveller. SS40 should only be applied to stable timber-based substrates with a recommended minimum thickness of 5mm.
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:

- Bag Coverage:
  - ≈12mm / 1m^2
  - ≈3mm / 4m^2
- Thickness: 1.5 - 50mm
- Mixing Ratio: 4 - 4.4L

Timeframes:

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

Tensile Bending Strength:

- After 1 day: ≈5mpa
- After 7 days: ≈7mpa
- After 28 days: ≈8mpa

Compressive Strength:

- After 1 day: ≈15mpa
- After 7 days: ≈25mpa
- After 28 days: ≈ 40mpa

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.