

Skimfinish

Packaging



Mixing



Application



Uses



Substrates

Concrete floors,
Terrazzo and
ceramic tiles

A thin, decorative cement floor finish

Description

A white, resin-modified, fast-cure, cement-based compound that when mixed with water to a thick paste consistency can be trowelled to form a finishing compound over dry, internal, crack-free concrete floors.

Uses

Use in commercial and residential areas subject to light to medium use, i.e., housing, shops, offices and cafes.

Features

- Durable and crack resistant (exceeds 36MPa)
- Rapid set - 2 to 3 hours
- Can be feather finished
- Colour can be modified with oxide

Performance Data

Compression Strength

7 days - 22MPa 28 days - 36MPa

Coverage (Approximate)

4m² per 20kg bag at 3mm thickness.

Specification

The finishing compound will be a white, fast-curing, resin-modified, trowelable finishing compound with a minimum of 36MPa compression strength, such as **Skimfinish** manufactured by **Construction Chemicals** and shall be applied in accordance with the manufacturer's application instructions.

Surface Preparation

Surfaces must be firm and structurally sound, free from dirt, wax, oil, grease, paint, ponded water, laitance and all contaminants. Contaminated/ultra smooth floors will need to be mechanically abraded or dustless shot-blasted to roughen and abrade the surface before priming. When in doubt about the surface preparation or priming, a 1m² test area is recommended. A thorough repeated sweeping with a hard broom, followed by mopping with clean water to remove all contaminants is essential before priming.

Do not apply to cracked or on under floor heated slabs.

Skimfinish is a low-thickness (2-4mm) finish and requires a level substrate (minimum Class A to AS3600 or AS1884).

Prime the substrate with [Primax](#) or [Epecrete](#).

Use [Epecrete](#) when applying on green or damp concrete. Use white cement in place of the grey if colour show through is a consideration.

Application

Skimfinish is to be applied by skilled and experienced applicators.

Mix 20kg of **Skimfinish** with 4 litres of water. Can be mixed with up to 5% oxide to obtain the desired colour. Mix for a minimum of 2 minutes until a lump free mortar is achieved.

Do not apply in temperatures below 10°C.

Pour the mixture in small quantities onto the substrate and apply with a small, flexible, straight edge trowel and push it into the substrate applying 1-2mm at a time.

A second coat is applied to achieve a smooth even surface after the preceding coat has dried for 30-60 minutes and while it is still moist on the surface (do not apply to a dry surface).

The application must be streamlined to achieve a seamless appearance. The coats must be homogenous and bubble free to achieve an even surface. Take care not to mark or damage the surface with shoe marks, buckets or application equipment and apply in good light conditions. The final coat can be finished with a 40cm wide smoothing trowel while the **Skimfinish** is wet.

Working time for the mixed **Skimfinish** is 20 minutes at 20°C, less in hot temperature and more in lower temperatures.

Must be applied in accordance with all relevant **Construction Chemicals** technical information: www.constructionchemicals.com.au/tech-info/

Expansion Joints

Expansion joints in the substrate must be carried through to the final finish. Expansion joints around the perimeter of the work and at change in floor area, i.e., large rooms flowing into small rooms or hallways.

Sealing

Sealing may be done after 24 hours at 20°C after application (longer in colder conditions).

Polish the dry surface with a 3-head polisher (Trio at 60 or 80 grit) with a single disk machine and white pad.

Fine dust particles have to be removed from the surface before sealing.

Sealers will have different effects, i.e., gloss levels, darkening, highlighting colour and a test area is recommended to get approval to proceed.

Precautions

Do not apply on:

- Damp or external floors
- Heated slabs
- Floors subject to heavy industrial use

Non-toxic, but contains cement which contains silica. Wear gloves and appropriate respirator. Further information for this product is contained in the Safety Data Sheet. Refer; [Skimfinish](#) - SDS

Shelf Life

When stored in the original, unopened packaging, in a dry place @ 23°C @ 50% relative humidity, the product has a 12 month shelf life.