

Packaging



Mixing



Application



Uses



Substrates

Concrete floors,
Terrazzo and
ceramic tiles

Trowel applied finishing underlay

Description

A cement based rapid setting trowel applied finishing underlay designed to smooth ridges, grooves, joins and gaps in the floor. Apply 0-3mm thick prior to installing a floor covering.

Uses

Feather finish irregular floors. Designed to smooth grooves, joins, gaps and grout joint lines over concrete, terrazzo and ceramic tiles.

Features

- Exceptional bond strength
- No primer required
- Can be featheredged
- Rapid setting

Coverage (Approximate)

15-30m²/5kg bag depending on the surface condition.

Performance Data

	1 day	7 days	28 days
Compression Strength	12.3MPa	19.1MPa	22.0MPa
Tensile Strength	2.8MPa	3.0MPa	4.0MPa
Hardness Brinell	47.0	53.0	68.0
Adhesion to substrate (concrete)	1.8MPa		

Specification

The finishing compound shall be a rapid setting, trowel applied finishing underlay with a minimum compression strength of 22MPa such as **Feather Floor** manufactured by **Construction Chemicals** and shall be applied in accordance with the manufacturer's application instructions.

Surface Preparation

Surfaces must be structurally sound, solid and clean of waxes, sealers, curing compounds, dust, oil or any contaminant which act as a bond breaker. Floors with a moisture problem should be treated with **Epecrete** before applying **Feather Floor**.

Recommended Tools

Mixing bucket, margin trowel and a steel trowel. For best results use a slow speed drill.

Mixing

The recommended mixing ratio is two parts by volume of powder to one part water. Additional water will weaken **Feather Floor** and will result in increased hardening times. Place the water into the container first and then add the powder while mixing by hand to a lump free consistency. Mechanical mixing with an electric drill will produce a creamier and smoother consistency without the need for additional water.

Application

Feather Floor is easily applied to any prepared surface using a steel trowel. Apply sufficient pressure to fill all defects and to feather the product into the subfloor surface. It is not necessary to leave a minimum thickness of the product on the substrate. Use the least amount possible to obtain the desired smoothness. The installation of the **Feather Floor** can also be made at any thickness in small, well-defined areas such as thresholds and height transitions between precast panels and where walls have been removed.

Pot Life

Approximately 15-20 minutes at 20°C, but will vary with ambient temperature. If the material begins to set in the bucket, vigorous mixing may re-temper the product. For best results use mechanical mixing. **Do not add more water.**

Limitations

Feather Floor is intended for interior use only. Do not use in areas subject to standing water. Do not install on substrate of ambient temperatures below 10°C.

Safety Precautions

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; www.constructionchemicals.com.au

Shelf Life

1 year