Dribond CONSTRUCTION CHEMICALS

Driscreed

Premixed, engineered, polymer-modified screed

Packaging

Mixing

Application

Uses

Substrates

Concrete
Structural fibre cement sheet

Description

A premixed, engineered, polymer-modified screed for internal and external use to achieve falls for water runoff and to level uneven surfaces prior to tiling or waterproofing concrete or structural fibre cement sheet floors.

Coverage (Approximate)

20kg covers 1m² at 10mm thick. To achieve an adequate fall to the waste in a 1m² shower alcove, approximately 40kg of **Driscreed** will be required.

Features

- Trowelable
- High strength ≥30MPa
- Smooth texture
- Treat as concrete when cured
- Use to achieve falls for runoff water or to level uneven floors

Performance Data

Mechanical Properties	
Compression Strength	≥30MPa
Flexural Strength	≥4.5

Specification

The screed will be a premixed cement sand screed, such as **Driscreed** manufactured by **Construction Chemicals** and shall be applied in accordance with the manufacturer's application instructions.

Surface Preparation

- Surfaces must be dry, structurally sound and free from all contaminants (ie. dirt, dust, wax, oil, adhesive and paint).
- Concrete subfloors must be fully cured and dry in accordance with AS1884.1985.
- New concrete must be 6 weeks old.
- Non-porous concrete must be mechanically abraded, clean and sound.
- Construction joints must be carried through the whole system.
- Steel trowelled concrete must be roughened mechanically to remove laitance and provide a good key. New concrete should be broom-finished to provide a mechanical bond.
- Smooth surfaces or dense concrete >35MPa must be mechanically roughened.
- Structural fibre cement sheet must be fixed in accordance with the manufacturer's instructions and must be completely clean and primed with **Primax**.

Priming

All substrates must be primed with **Primax**. Application of **Driscreed** must be done while the **Primax** is wet (wet on wet).

Mixing

Mix mechanically adding 20kg of **Driscreed** to 2 litres of water. Mix thoroughly to get a moist, semi-dry mix for optimal application.

Application

Apply in temperatures between 10-30°C and thickness between 10mm-40mm. Thicknesses over 40mm it is recommended to incorporate galvanised metal reinforcing mesh in accordance with AS3958.1. When reinforcing the screed with galvanised metal lay the mesh into the first layer of screed and apply a second coat. Finish with a wood float to create a key for tiling or waterproofing. Use a straight edge timber batten or trowel to level material and achieve falls as per AS3740:2021 and any applicable building standards.

Application Thickness

Wet screed can be built up from a minimum of 10mm to a maximum of 60mm (wet on wet). If the initial screed is dry, the surface must be primed with **Primax** before building up the screed.

Drying Time

23°C @ 50% RH. **Driscreed** is trafficable in 24 hours. Tiling and waterproofing after 2 days. Drying time will vary on temperature, humidity and porosity of the substrate.

Allow 4 days to cure before application of resilient floor coverings (e.g. vinyl) or carpet. Use **Construction Chemicals Feather Floor** to achieve a smooth surface before application of resilient floor coverings.

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

Clean Up

Clean up with water immediately after application.

Precautions

While curing protect from direct sunlight. Set time is 3-5 hours @ 23°C @ 50% RH. **Do not add sand** as this will reduce the screed's strength. Keep water content to a minimum to avoid shrinkage. Keep damp with water for 7 days to reduce shrinkage cracks while curing.

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

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

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www.constructionchemicals.com.au

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