

Foamgrip

Packaging



Mixing



Application



Uses



Substrates

Structural timber
Compressed
cement sheet
Concrete
Plywood
Levelling
compound

One-component, hybrid polymer adhesive

Description

Foaming polyurethane adhesive, for direct stick application of timber floors. A one-pack, moisture-curing, polyurethane adhesive, for the fixing of timber floors, using the direct stick method. The adhesive has foaming properties to fill gaps in uneven substrates reducing the incidence of drummy spots.

Uses

Adheres timber flooring (parquetry strip flooring, engineered flooring, timber underlay) to concrete, structural timber flooring and plywood.

Features

- High bond strength
- Rapid cure
- Low odour
- Good wet grab
- Foaming action

Coverage (Approximate)

800g = 1m². 10 litres covers 18-20m².

Must only be applied with a **Foamgrip** notched trowel 5mm x 6mm V-notched trowel at 25mm centres.



Performance Data

Pull off timber on concrete 2.5MPa.

Lap shear tensile timber to timber (AS1321.3) 7.2MPa.

Surface Preparation

Substrates must be structurally sound, clean, dry and free from oil, grease, laitance, dust and all other contaminants. Concrete floors must be 25MPa or greater and have a moisture content below 5.5% as per ASDR 99463. Mechanically abrade/dustless shot blast contaminated floors. Apply **Epecrete** (moisture/vapour barrier/primer) and check that the surface moisture is below 5.5% before laying timber. Allow **Epecrete** 24 hours @ 23°C @ 50% relative humidity to dry.

Application

Apply in temperatures between 5-30°C and relative humidity greater than 40%, using the appropriate spaced V-notch trowel in a well ventilated area using protective clothing and gloves. Adhesive coverage must be a minimum of 80%.

Concrete floors out of level, 3mm in 2 metres or 5mm in 3 metres, must be levelled with **Level Floor**.

Trowel the adhesive with appropriate trowel so that the ridges are 90° to the direction of the boards. Do not place and slide the boards across the adhesive as this method flattens the adhesive ridges and may result in a poor bond.

Do not spread more adhesive than can be used in 20 minutes. If a film forms on the adhesive, remove and discard the product and reapply new adhesive. Clamp or hold down the timber until the adhesive has initially set (approx. 4 hours). Full cure occurs in 7 days @ 23°C @ 50% relative humidity. The floor can be walked on lightly in 24 hours. Do not sand/coat the floor for 48 hours.

Remove excess adhesive promptly before it has set and becomes difficult to remove. Apply a test area to check suitability of the adhesive to a substrate.

The application of timber floors using the direct stick method must be done by skilled applicators with a thorough knowledge of application, moisture requirements and acclimatisation conditioning of timber.

Cleaning Up

Use Xylene, lacquer thinner or acetone to clean up adhesive before it dries. Once cured, mechanically remove. Avoid spills on precoated floor and remove them with methylated spirits, but check suitability first.

Storage and Handling

Store between 5-30°C in shaded, dry conditions. Seal open containers immediately after use.

Precautions

Further information for this product is contained in the Safety Data Sheet.

Refer; www.constructionchemicals.com.au

Shelf Life

12 months.