

# Foamgrip

## ONE PACK MOISTURE CURING POLYURETHANE ADHESIVE

### PACKAGING



### MIXING



### APPLICATION



### USES



### SUBSTRATES

**TIMBER  
COMPRESSED  
CEMENT SHEET  
CONCRETE  
PLYWOOD  
LEVELLING  
COMPOUND**

### DESCRIPTION

Foaming polyurethane adhesive, for direct stick application of timber floors. A one pack moisture curing polyurethane adhesive, for the fixing of timber floor, 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, strip structural timber flooring and plywood.

### PERFORMANCE DATA

Pull off timber on concrete 2.5Mpa.

Lap shear tensile timber to timber (AS 1321.3) 7.2 Mpa.

### FEATURES

- High bond strength
- Rapid cure
- Low odour
- Good wet grab
- Excellent resistance to water, ageing and weathering
- Has a foaming action to fill gaps or unevenness in the substrate and reduce drummy spots.

### COVERAGE (Approximate)

800g = 1m<sup>2</sup>.

FOAMGRIP must only be applied with a FOAMGRIP notched trowel 5mm x 6mm V notched trowel at 25mm centres.



### 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 ASDR99463 Sept 1999. Mechanically abrade/dustless shot blast contaminated floor. 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%. Apply the adhesive 90° to the direction of the timber.

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 at 23°C @ 50%RH, 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. Refer ASDR 99463 Sept 1999.**

Check the suitability of the timber or coated timber to ensure that it is suitable to adhere to by doing a test area.

## **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 & HANDLING**

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

## **SHELF LIFE**

9 months in an unopened container from date of manufacture.

## **FURTHER INFORMATION**

Further information for this product contained in the material safety data sheet.

**CONSTRUCTION  
CHEMICALS**