



# LABOND C110

## Two part Rapid – Setting tile adhesive

### 雙組份特快凝固英泥黏合膠泥

#### 1.0 Description

LABOND C110 is a ready-mix pre-baged two parts rapid – setting adhesive mortar used for fixing all types of traditional tiles. LABOND C110 can be used inside and outside for horizontal and vertical application.

#### 2.0 Technical Data

Properties	Results	Test Standards
Appearance	Part A – Milky white liquid Part B – Grey Powder	---
Tensile Adhesion Strength - 24 hours	0.62N/mm <sup>2</sup>	BS EN 1348:99
Tensile Adhesion Strength (site simulated) – 24 hours	0.22N/mm <sup>2</sup>	BS EN 1348:99
Tensile Adhesion Strength after Heat Ageing @70°C for 14 days	1.81N/mm <sup>2</sup>	BS EN 1348:99
Pot Life 20°C	30-45 mins	---
Working Time 20°C	5-15 mins	---
Setting Time 20°C	2 hours	---
Expansion / Shrinkage	Zero	---
Toxicity	Non Hazardous	---
Flammability	Non-Flammable	---

#### 3.0 Application Guide

Put Labond C110 Part A liquid into a clean mixing container. Pour in C110 Part B powder while stirring simultaneously using a mechanical mixer until a thick creamy consistency is achieved.

Spread the adhesive onto the substrate using a notched trowel. Size of notched trowel should be governed by the depth of knobs, grooves or ridges on the back of the evenness of the substrate.

The minimum thickness of mortar bed shall be 3mm after beating in. For heavy duty usage, the thickness shall be minimum 5-6mm.

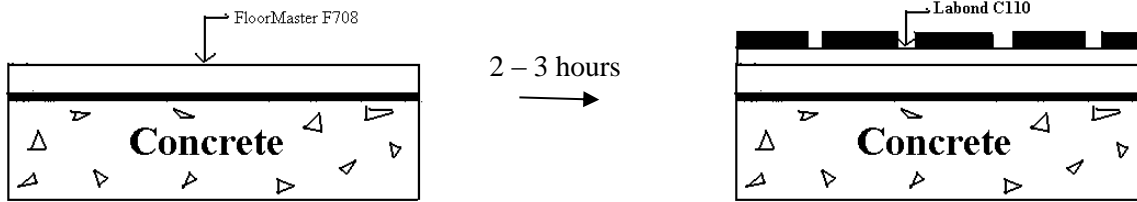
Do not soak backing of tiles prior to applying mortar. Dampen dry backings only as needed.

Float the mortar with pressure over area no greater than can be covered with tile while mortar remains plastic. Press firmly and immediately with a twisting action onto the freshly combed mortar, tap and beat tile into place to obtain 100% contact with tile and mortar bed with no voids in the mortar.

For tiles with grooves and ridges, it is recommended to butter coat the back of the tiles to improve adhesion and avoid hollowness.

Grouting after tile installation – wait 2 - 3 hours before grouting with Labond C100 or with the same material.

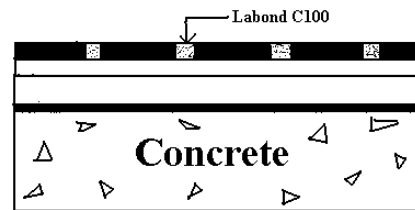


**Two Part Rapid – Setting tile adhesive****4.0 Application Diagrams For Fast Tile Installation**

1. Levelling surface (Optional)

2. Fixing tiles

2 – 3 hours ↓



3. Tile grouting

**5.0 Application Details****Preparation**

The surface must be solid and free of materials like grease and dust; it can also be applied on top of properly leveled and compacted cement mortars.

Add 5.8 to 6 liter of clean water per each bag of 25 Kgs. Mix with a trowel or an electrical drill (400 to 600 rpm) until an homogeneous lump-free paste is obtained. Wait 5 to 10 minutes before application.

**Application**

Spread the adhesive with a dented trowel to the appropriate thickness depending on the tile format and thickness required. During the installation, please ensure that no superficial film is formed on the adhesive surface, if it happens, go over with a little fresh material. Knock the tiles properly to ensure perfect coverage by the adhesive.

**6.0 Technical Service**

The Technical office of MASTER PROOFER CORPORATION LTD are available for advice on any of LABOND's products.

**7.0 Packaging**

25 Kg / Set

**8.0 Coverage**

One set cover approximately 5m<sup>2</sup> by using 8mm x 8mm notched trowel.