



PRODUCT DATA SHEET

BONDING COAT

Overview

A lightweight plaster for use on smooth or medium suction backgrounds with a set time of 3 to 4 hours.

Applications

BACKGROUND/ LINING	COAT THICKNESS MM	WATER REQUIREMENT L	APPROX. COVERAGE M ² /BAG
Medium density concrete blocks	8-10mm	16.1L	3-3.7*
Dense concrete blocks (low suction) - ThistleBond-it also required	8-10mm	16.1L	3-3.7*
Dense concrete blocks (high suction)	8-10mm	16.1L	3-3.7*
Rear (grey paper side) face of Gyproc plasterboards e.g. wallboard, etc. - ThistleBond-it also required	8-10mm	16.1L	3-3.7*
Cast in-situ & pre-cast concrete - ThistleBond- it also required	8-10mm	16.1L	3-3.7*

*Coverage will vary depending on coat thickness.

Standards

Gyproc Bonding Coat complies with *EN 13279-1* types *B4/20/1* and *C3/20*, and is manufactured under a quality system independently audited and certified as conforming with *ISO 9001: 2015*.

Performance

Fire Protection

Here we only provide performance information related to the product. Please see the White Book online for system-dependent performance.

Reaction to fire A1

Thermal resistance (m²K/W) NPD

Acoustic performance NPD

Effect of Moisture and Condensation

Don't expose the plaster to moisture repeatedly or for long periods of time, as this can cause it to lose strength and adhesion.

Effect of Temperature

Do not apply plaster to backgrounds below 5°C or in conditions below 5°C, as this can cause defects in the plaster.

When fully set and dry, Bonding Coat shouldn't be exposed to temperatures above 49°C. When applying in hot or dry conditions, make sure the plaster doesn't lose water too quickly, as it needs some of the mixing water to set and reach full strength.

Installation

Coverage

COVERAGE PER BAG M ²	SETTING TIME HOURS	WATER REQ. LITRES	DRY SET WEIGHT (KG/M ²)	PALLET QUANTITY (BAGS)
3.7m ² @ 8mm thickness	3-4	16.1	X	63 bags
3m ² @ 10mm thickness	3-4	16.1	X	63 bags

Background Preparation

Follow this guidance when working with solid backgrounds:

- Before applying the plaster, use the Gyproc Plaster Selector Guide to check that the background is suitable.
- Make sure the surface is dry, clean and protected from the weather.
- Before plastering concrete backgrounds, remove any mould, oil or other agents from the surface.
- You don't need to wet no-fines concrete before plastering.
- Allow enough time for normal ballast concrete to mature before applying the plaster.
- Don't apply plaster to 'green' backgrounds, or where any free water is visible.
- Wet mature concrete to displace the air before plastering.
- You may need to use Thistle Bond-it on smooth low suction backgrounds.

Storage

This product should be stored in a dry area of the ground as poor storage will affect the setting time and life of the plaster. If stored correctly, this product has a 120-day shelf life.

Mixing

In a well ventilated area mix powder using clean (potable) water & clean mixing equipment to the required working consistency. Avoid excessive mixing.

Application

Bonding Coat plaster is formulated for use over suitably pre-treated concrete surfaces. It can also be used over high density blocks and Gyproc Plasterboard (back of board only).

All undercoats must be thoroughly scratched to provide a good mechanical key for the finishing plaster.

Under no circumstances should any additive be mixed with Gyproc plasters as this practice will seriously affect the working qualities and could lead to problems with decoration and/or bond failures.

Bonding Coat plaster should never be re-tempered and any material which has begun to set should be disposed of properly.

Finishing

Bonding Coat has been formulated for use as an undercoat plaster to be used in conjunction with Gyproc Skimcoat or Gyproc Carlite Finishes.

Add a Gyproc finish coat plaster before tiling. Don't tile directly onto Bonding Coat.

For detailed guidance, contact the Gyproc Technical Department or visit www.gyproc.ie.

Drying

Adequate ventilation is essential to aid drying out of all plasters. If adequate ventilation is not provided during the drying out phase, the strength of the plaster may be affected and the time at which decoration may start might be delayed.

Maintenance

Bonding Coat finished with 2mm of Gyproc finishing plaster provides a system that's suitable for moderate to high impact and wear. If the plaster is correctly applied, you shouldn't need to maintain it afterwards.

Safety Data Sheet

A safety data sheet (SDS) for this product is available on www.gyproc.ie.

Freephone ROI: 1800 744480

Freephone NI: 0845 3990159

Email: tech.ie@saint-gobain.com

www.gyproc.ie

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For a comprehensive and up-to-date library of information visit the Gyproc website at: www.gyproc.ie



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