

Gyproc Hard Coat is a gypsum based undercoat plaster for use on most masonry backgrounds. Applied in conjunction with a final coat of Gyproc finish plaster, it provides a smooth, inert, high quality surface to internal walls.



GYPROC HARD COAT

Enhance sound insulation with the easy to apply, quick to dry Hard Coat.

The finished combination has excellent impact resistance, quick surface drying, a high resistance to efflorescence, and gives a durable base for the application of decorative finishes.

Gyproc Hard Coat is a lightweight, retarded hemihydrate, pre-mixed gypsum plaster, incorporating special aggregates and additives, requiring only the addition of clean water to prepare it for use. It is suitable for application by hand or by plaster projection machine.

- Up to 100% harder than other Gypsum undercoats.
- Thermal Resistance is 4 times higher than standard sand & cement undercoat.
- Offers high resistance to efflorescence migration from background to surface.
- No shrinkage cracking will occur with the use of Gyproc Hard Coat with a Gyproc Finish Plaster.
- Suitable for being tiled onto (please contact our demonstration team for further details).

Need more info?



Request a product demonstration



Watch the demo video

Need Technical Advice on your project?

Contact our Tech Team:
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ACOUSTIC PERFORMANCE

The application of Gyproc Hard Coat improves the sound insulation performance of masonry walls. Gyproc Hard Coat adds additional mass to the wall and seals the porous nature of the masonry, restricting the passage of sound energy.

Building Regulations (ROI) Technical Guidance Document Part E: Sound 2014 currently requires that for new dwelling units and material changes of use to existing buildings creating dwelling units, all separating walls offer a minimum sound insulation performance of at least 53 DnTwdB. Where Northern Ireland Building Regulations apply, Technical Booklet G: Resistance to the passage of Sound 2012 currently requires an airborne sound insulation performance for new dwellings of 45 DnTw+Ctr dB. The application of 11mm Gyproc Hard Coat + 2mm Gyproc Skimcoat applied to both sides of a typical 7.5N 215mm concrete blockwork party wall has demonstrated site tested airborne sound insulation performances as high as 62 DnTwdB (57 DnTw+Ctr dB). Flanking design, building materials and workmanship may vary from site to site and should be taken into consideration.



AIRTIGHTNESS

When applied to masonry walls Gyproc Hard Coat finished with a Gyproc finishing plaster can provide a significant contribution to the overall airtightness performance strategy

of a building. Test results undertaken in a UKAS accredited laboratory demonstrate that the application of Gyproc Hard Coat + Gyproc Skimcoat finish plaster over 100mm concrete blocks, laid on edge, has demonstrated an air permeability performance of 0.03 m³/h.m² (50Pa).

SPEED / TIME

- Paint up to 15% sooner due to surface drying time. (Depending on location and weather conditions)
- Gyproc Finish Plasters can be applied as soon as Gyproc Hard Coat has set or can be wet down for later finishing.
- Offers easy handling and less mess.
- Wastage can be as low as 1%.
- Gyproc Hard Coat with a Gyproc Skimcoat finish is one of the fastest drying plaster solutions available.

KEY INFORMATION

Thickness	11mm
m²/bag	3
Water Requirement Per Bag (approx.)	15L*
Application Method	Hand or Machine
Setting Time (approx.)	2-5 Hours
Coverage	Up to 130m per tonne at 11mm thickness.
Shelf Life	120 days/4 months

*Adjust water ratio to achieve preferred mixed consistency.

STANDARDS

Gyproc Hard Coat complies with EN 13279-1 types B4/20/2 and C3/20, and is manufactured under a quality system independently audited and certified as conforming with ISO 9001: 2000.

APPLICATIONS

Background/lining	Coat Thickness mm	Approx. weight set and dry kg/m ²	Approx. coverage m ² /1000kg
Common brick walls and concrete bricks (with raked joints)	11	9.3	115-130
Engineering bricks (with raked joints)	11	9.3	115-130
Dense aggregate and lightweight aggregate concrete blocks	11	9.3	115-130
Aerated concrete blocks (pretreatment may be necessary to control high suction)	11	9.3	115-130

Note: When applying by plaster projection machine, an allowance should be made for a reduction in coverage of approximately 10%.

PLASTER SELECTOR GUIDE UNDERCOAT PLASTER



Gyproc Hard Coat

Alternative to sand and cement offering high impact resistance for use on most internal masonry backgrounds.



Gyproc Bonding Coat (Standard set times)

For use on smooth or low suction backgrounds and some plasterboard conditions.



Gyproc Bonding Coat Short Set

For use on smooth or low suction backgrounds and some plasterboard conditions. With reduced set times, ideal for smaller projects.

Low Density / Aerated Thermal Blocks	Use G to control suction where appropriate		
Common concrete block or bricks (with raked joints)			
Medium density concrete blocks			
Dense concrete blocks	Not on smooth low suction blocks	Use B on smooth low suction blocks	Use B on smooth low suction blocks

G Use GypPrime where you see this symbol

B Use Thistle Bond-it where you see this symbol