



PLASTER SELECTOR GUIDE

Undercoat Plasters & One Coat Levelling/Finishing Plaster



Gyproc Hard Coat

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



Gyproc Bonding Coat

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



Gyproc One Coat

A lightweight one coat plaster suitable for use on a wide range of masonry backgrounds providing a high quality, durable finish in a single application

SUCTION		BACKGROUND SURFACE					
<p>High</p> <p>↑</p> <p>↓</p> <p>Low</p>	Low density thermal blocks	Use G to control suction where appropriate					
	Common concrete blocks					●	
	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	●	Not on smooth low suction blocks
	Rear (grey paper side) face of Gyproc Plasterboards e.g. WallBoard, etc.		●	Use B on MR Boards	Use B		
	Cast in situ & pre-cast concrete		●	Use B on MR Boards	Use B	●	Use B
Thickness applied - Walls		11mm	10mm	8mm	10-13mm		
Thickness applied - Ceilings		N/A	10mm	8mm	N/A		
Coverage per bag		3.0m ² @11mm	3.0m ² @10mm 3.7m ² @8mm	3.0m ² @10mm 3.7m ² @8mm	3.0m ² @ 10mm		
Approx water requirement (litres per bag) - adjust water ratio to achieve preferred mixed consistency		15L	16L	16L	18L		

Specialist Plasters



Gyproc Airtite Quiet

A parge coat plaster specifically formulated to reduce air permeability and to seal background surfaces to enhance sound insulation prior to dry-lining. Cannot be skim finished.



Gyproc Magnetic

A Gyproc plaster that attracts magnets leaving a quality surface for internal walls and a durable base for applying decorative finishes. Can be used to finish a wide range of backgrounds, including undercoat plasters and plasterboard. A minimum of 3mm thickness should be applied and coverage is 5.1m² per bag.

Finishing Plasters



Gyproc Skimcoat

A versatile plaster for skim finishing undercoats and plasterboards



Gyproc Carlite Finish

A versatile plaster for skim finishing undercoats and plasterboards



Gyproc Carlite Ultra Finish

A versatile plaster for skim finishing undercoats and plasterboards. With reduced set times, ideal for smaller projects

		BACKGROUND SURFACE		
SUCTION				
High ↑ ↓ Low	Dry mature sand/cement and dry gypsum based undercoats suitably scratched to provide key	Dampen walls first to achieve appropriate suction	Dampen walls first to achieve appropriate suction	Dampen walls first to achieve appropriate suction
	Set but not fully dry gypsum based undercoats suitably scratched to provide key	●	●	●
	Standard grade Gyproc Plasterboards and Glasroc F Boards (not 6mm)	●	●	●
	MR (moisture resistant) grade Gyproc Plasterboards and 6mm Glasroc F MULTIBOARD	● Use B	● Use B	● Use B
	Flat, smooth in situ and pre-cast concrete	● Use B	● Use B	● Use B
Thickness applied	2mm	2mm	2mm	
Coverage per bag (undercoat/plasterboard)	9.4m ² 11.25m ²	9.4m ² 11.25m ²	9.4m ² 11.25m ²	
Approx water requirement (litres per bag) - adjust water ratio to achieve preferred mixed consistency	13L	13L	13L	

Accessories



GypPrime

Suction control primer, used to reduce suction on very dry, high suction backgrounds. Use diluted (up to 5 parts water to 1 part GypPrime) or undiluted if severe suction control is required. Plaster is applied after GypPrime has soaked into the background and dried.

G Use GypPrime where you see this symbol



Thistle Bond-it

Bonding agent for smooth low suction backgrounds. Apply undiluted, in one coat. Plaster when dry.

B Use Thistle Bond-it where you see this symbol

Gyproc plasters offer a wide range of application and end user benefits

These include:

- Guaranteed lifetime quality
- High quality aesthetic finish
- No shrinkage cracking
- Quicker system drying, can be painted sooner
- Enhances acoustic performances
- Factory mixed for ideal consistency
- Easy site logistics – less mess
- Minimal wastage
- Controlled set times
- Lightweight, therefore, faster to apply
- Short setting options for smaller jobs

Before commencing with plastering consideration should be given to the following:

- During application Gyproc plasters should not be applied to backgrounds or subjected to temperatures below 5°C before they have set. Dry bagged plaster is not affected by low temperatures. The plaster is not suitable for use in situations where the temperature exceeds 43°C
- Prior to plastering the background should be:
 - Clean and free from dust, shutter release agents etc.
 - Remove any metal objects such as nails
 - Reasonably dry
 - Free from efflorescence
- Some backgrounds require surface pre-treatment:
 - Blockwork sufficiently wetted to offset suction
 - For high suction backgrounds use Gyproc GypPrime
 - For low-suction or smooth backgrounds use Gyproc Thistle Bond-it

General Gyproc Powder product mixing:

- Gyproc plasters are pre-mixed and need only the addition of clean water to prepare them for use
- All mixing equipment should be cleaned before use and between each mix to prevent contamination of the plaster
- Mix Gyproc plasters by pouring the required amount of clean water (see plaster selector guide for guidelines) into the mixing bucket and then adding the plaster
- In a well-ventilated area mix powder either by hand or with a mechanical whisk
- Mix plaster to disperse lumps and achieve a thick creamy consistency. Care should be taken not to mix through the set

Undercoat Plastering

- For corner reinforcement fix beads to external angles using undercoat plaster
- Gyproc Plaster Stop Beads can also be used for defining and reinforcing edges of solid plasterwork
- Apply undercoat plaster with firm pressure building out to the recommended thickness
- Rule to an even surface with a straight edge or darby and thoroughly scratch to form a key for finish coat plasters

Skim Plastering/Finishing

- For corner reinforcement fix beads to all external angles
- Over Gyproc plasterboards reinforce all plasterboard joints and angles with Gyproc Paper Joint Tape or reinforced Joint Tapes and Gyproc jointing materials as appropriate. Allow to set
- Apply a first coat of finishing plaster with firm pressure to approximately 1mm thickness
- After a short period of time apply a second coat of plaster whilst the first coat is still wet to bring the total thickness to 2mm
- As the plaster is stiffening trowel in two or three steps to a smooth matt finish
- Use any additional water sparingly and only in the latter stages of trowelling

One Coat Plastering

- For corner reinforcement fix beads to external angles
- Plaster Stop Beads can also be used for defining and reinforcing edges of solid plasterwork
- Levels backgrounds like an undercoat, smooths to a quality finish
- Gyproc One Coat plaster should be applied in an even manner and can be built out to a depth of 13mm (if required it can be built out to a max of 25mm)
- The plaster should be ruled to a reasonable plane, whilst at the same time filling in any hollows
- When the plaster has stiffened sufficiently, a large spatula should be used to achieve a flat surface
- The plaster should be allowed to sit and pull in and then sponged down at the required time
- When the plaster is sufficiently firm, trowelling in should commence. Do not over polish

Decoration

- Gyproc Plasters can be decorated with most proprietary paint finishes or wall coverings
- The manufacturer's advice on the paint or wall covering should be followed for preparation, priming, suitable adhesives and method of application
- With new plaster, decoration should not commence until the structure and plasterwork has dried out thoroughly