

# PLASTER SELECTOR GUIDE



## Why choose Gyproc Plasters?

### 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 ThistleBond-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













## OneCoat Plastering


- For corner reinforcement fix beads to external angles
- Gyproc 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 OneCoat 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



# Undercoat Plasters

		What is the background surface?										
		← suction →										
		High			Low							
		Low density thermal blocks	Common concrete blocks	Medium density concrete blocks	Dense concrete blocks	Rear (grey paper side) face of Gyproc Plasterboards E.g. WallBoard, etc.	Cast in-situ & pre-cast concrete	Pre-painted/tiled/finished surfaces. Note: Solutions are dependent upon the suitability of background substrates	Thickness applied - Walls	Thickness applied - Ceilings	Coverage per bag	Approx Water requirement (litres per bag) - adjust water ratio to achieve preferred mixed consistency
	<b>Gyproc Hard Coat</b> Alternative to sand & cement offering high impact resistance for use on mosat internal masonry backgrounds	USE  TO CONTROL SUCTION WHERE APPROPRIATE			NOT ON SMOOTH LOW SUCTION BLOCKS				11mm	N/A	3.0m <sup>2</sup> @11mm	15L
	<b>Gyproc Bonding Coat</b> For use on smooth or low suction backgrounds and some plasterboard conditions			USE  ON SMOOTH LOW SUCTION BLOCKS	USE  ON MR BOARDS	USE 	USE 		10mm	8mm	3.0m <sup>2</sup> @10mm 3.7m <sup>2</sup> @8mm	16L
	<b>Gyproc Bonding Coat Short Set</b> For use on smooth or low suction backgrounds and some plasterboard conditions. With reduced set times, ideal for smaller projects			USE  ON SMOOTH LOW SUCTION BLOCKS	USE  ON MR BOARDS	USE 	USE 		10mm	8mm	3.0m <sup>2</sup> @10mm 3.7m <sup>2</sup> @8mm	16L













<b>Specialist Plasters</b>	<b>Gyproc Airtite Quiet</b>  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.	<b>Gyproc Magnetic</b>  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 5.1m <sup>2</sup> per bag.
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<b>Accessories</b>	<b>GypPrime</b>  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.	<b>ThistleBond-it</b>  Bonding agent for smooth low suction backgrounds. Apply undiluted, in one coat. Plaster when dry.
	 Use GypPrime where you see this symbol	 Use ThistleBond-it where you see this symbol

# One Coat Levelling & Finishing Plaster

		What is the background surface?										
		← suction →										
		High						Low				
		Low Density Thermal Blocks	Common Concrete Blocks	Medium-Density Concrete Blocks	Dense Concrete Blocks	Rear (grey paper side)face of Gyproc Plasterboards E.g. Wallboard etc.	Cast in situ & pre-cast concrete	Pre-painted/tiled/ finished surfaces. Note solutions are dependent upon the suitability of background substrate	Thickness applied - Walls	Thickness applied - Ceilings	Coverage per bag	Water requirement (litres per bag)
	<b>Gyproc OneCoat</b> 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				NOT ON SMOOTH LOW SUCTION BLOCKS		USE 		10-13mm	N/A	3.0m <sup>2</sup> @ 10mm	18L

# Finishing Plasters

		What is the background surface?									
		← suction →									
		High						Low			
		Dry mature sand/ cement and dry gypsum based undercoats suitably scratched to provide key	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	Flat, smooth in-situ and pre-cast concrete	Pre-painted/tiled/ finished surfaces. Note: Solutions are dependent upon the suitability of background substrates	Thickness applied	Coverage per bag (undercoat/ plasterboard)	Approx. Water requirement (litres per bag) - adjust water ratio to achieve preferred mixed consistency	
	<b>Gyproc Skimcoat</b> A versatile plaster for skim finishing undercoats and plasterboards	DAMPEN WALLS FIRST TO ACHIEVE APPROPRIATE SUCTION			USE 	USE 	USE 	2mm	9.4m <sup>2</sup> / 11.25m <sup>2</sup>	13L	
	<b>Gyproc Carlite Finish</b> A versatile plaster for skim finishing undercoats and plasterboards	DAMPEN WALLS FIRST TO ACHIEVE APPROPRIATE SUCTION			USE 	USE 	USE 	2mm	9.4m <sup>2</sup> / 11.25m <sup>2</sup>	13L	
	<b>Gyproc Carlite Ultra Finish</b> A versatile plaster for skim finishing undercoats and plasterboards. With reduced set times, ideal for smaller projects	DAMPEN WALLS FIRST TO ACHIEVE APPROPRIATE SUCTION			USE 	USE 	USE 	2mm	9.4m <sup>2</sup> / 11.25m <sup>2</sup>	13L	