

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

Decoration

- Finish Coat 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/tilled/finished surfaces. Note: Solutions are dependent upon the suitability of background substrates	Metal lathing	Thickness applied - Walls	Thickness applied - Ceilings	Coverage per bag	Approx Water requirement (litres per bag) - adjust water ratio to achieve preferred consistency
	Gyproc Hard Coat Alternative to sand & cement offering high impact resistance for use on mortar internal masonry backgrounds	USE TO CONTROL SUCTION WHERE APPROPRIATE			NOT ON SMOOTH LOW SUCTION BLOCKS				WHEN BRIDGING COLUMNS & LINTELS	11mm	N/A	3.0m ² @11mm	15L
	Gyproc Bonding Coat 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 ² @10mm 3.7m ² @8mm	16L
	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			USE ON SMOOTH LOW SUCTION BLOCKS	USE ON MR BOARDS	USE	USE			10mm	8mm	3.0m ² @10mm 3.7m ² @8mm	16L

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.	 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.	 ThistleBond-it 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	

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/tilled/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 consistency
	Gyproc Skimcoat A versatile plaster for skim finishing undercoats and plasterboards	DAMPEN WALLS FIRST TO ACHIEVE APPROPRIATE SUCTION			USE	USE	USE	2mm	9.4m ² 11.25m ²	13L
	Gyproc Carlite Finish A versatile plaster for skim finishing undercoats and plasterboards	DAMPEN WALLS FIRST TO ACHIEVE APPROPRIATE SUCTION			USE	USE	USE	2mm	9.4m ² 11.25m ²	13L
	Gyproc Skimcoat Short Set 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 ² 11.25m ²	13L
	Gyproc Carlite Ultra Finish 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 ² 11.25m ²	13L