

Decorative effects

A wide variety of decorative effects can be achieved using Gyproc accessories to enhance walls and ceilings, and to relieve flat runs of lining, joints and angles. The portfolio of decorative products comprises gypsum cove and cornice profiles and pre-formed, aluminium Gyproc Styletrims. Gyproc Cove and Cornice products relieve the plain, boxy look at internal ceiling angles to create a more pleasing internal environment. A number of design effects are possible by incorporating steps to the wall and ceiling angles, using Gyproc Cornice Battens and Strips.






Key facts

- Wide variety of attractive, drylined effects possible
- Cove / Cornice profiles and steps to enhance wall and ceiling angles
- Range of aluminium styletrims to relieve flat runs of lining, provide alternative to custom-made profiles

Components**Gyproc Cove and Cornice products**

			Quantities
	Gyproc Cove 100 Length 3000mm Paper face White		as required
	Gyproc Cove 127 Length 3000, 3600, 4200mm Paper face Ivory		as required
	Gyproc Cornice 135 Length 3000mm Paper face White		as required
	Gyproc Cornice Battens 1200mm x 25mm x 10mm		as required
	Gyproc Cornice Strips 2400mm x 100mm x 10mm		as required

Gyproc Styletrims

			Quantities
	Gyproc BGM 105 Edge Reveal Used to create a reveal around drylined wall perimeters, doors, glazing and skirting. Reveal Width 25mm Reveal Depth 10mm		as required
	Gyproc BGM 106 Edge Reveal Used to create a reveal around drylined wall perimeters, doors, glazing and skirting. Reveal Width 12.5mm Reveal Depth 10mm		as required
	Gyproc BGM 119 Edge Stop Used to create a distinctive straight edge for reveals and other drylining features. Reveal Depth 12.5mm		as required

Fixing and finishing products	Take-off quantities
 <p>Gyproc Drywall Screws For pre-fixing Gyproc Styletrims.</p>	as required
 <p>Gyproc Jack-Point Screws For fixing boards to stud framing 0.8mm thick or greater and 'I' studs greater than 0.55mm thick.</p>	as required
 <p>Gyproc Sealant For sealing gaps and /or pre-fixing Gyproc Styletrims.</p>	1 cartridge per 35m based on a 6 -10mm bead
 <p>Gyproc jointing materials For bedding Gyproc Styletrims and subsequent joint treatment.</p>	as required

Fixing and finishing products	Take-off quantities
 <p>Gyproc Drywall Primer For priming Gyproc Cove and Cornice products and plasterboard linings as preparation for painting.</p>	as required
 <p>Gyproc Cove Adhesive For adhesive fixing of Gyproc Cove and Cornice products.</p>	1kg per 4m

Construction tips - Cove and Cornice

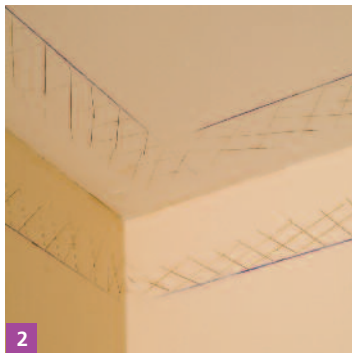
- Gyproc Cove and Cornice can be installed to clean, dry and sound backgrounds using Gyproc Cove Adhesive, which is also used to fill gaps and mitres
- Airtightness is essential for optimum sound and thermal insulation of plasterboard building elements. Gyproc Cove or Cornice helps achieve this while improving the appearance
- Where the wall or ceiling has severe irregularities or where the surface would not provide sufficient adhesion, Gyproc Cove or Cornice can be mechanically fixed

Installation



Installing Gyproc Cove and Cornice Preparation

- Remove any wallpaper from the walls and ceiling.
- Draw guidelines along the walls and ceiling, 67mm from the wall / ceiling angle for Gyproc Cove 100 and 83mm for Gyproc Cove 127.
- For Gyproc Cornice, draw a line on the ceiling 92mm from the angle and on the wall at 84mm from the angle.



- Scratch plastered or painted areas which will be in contact with the profile to provide a key for the adhesive, and brush away any dust or loose material.



Cutting

- Cut the profile to length using a fine tooth saw.
- Mitre using a Gyproc Cove Mitre Box, Gyproc Magic Mitre, Gyproc Cove Mitre - Metal or other suitable mitre block, making saw cuts into the curve as required.



Applying adhesive

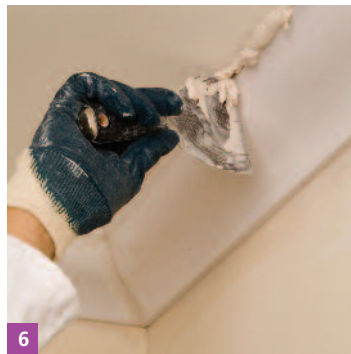
- Mix Gyproc Cove Adhesive with water as per the user guidance on the packaging.
 - Make the mix stiff enough to spread without running - too stiff and it will be difficult to apply, too thin and it will not bond properly.
- NB** As a rough guide, 1kg of Gyproc Cove Adhesive will fix about 4m of Gyproc Cove or Cornice and remains usable for at least 40 minutes. Avoid mixing more than can be used in this time. The adhesive will set hard in 90 - 120 minutes.

NB Keep tools and buckets clean and free from set adhesive. Damp down dry plaster or other high suction backgrounds immediately prior to applying the adhesive.



Fixing

- Lightly nail the wall line to provide temporary support to the profile until the adhesive has set. Use two nails for each piece.
- Offer up the profile and push it firmly into position between the guide lines.

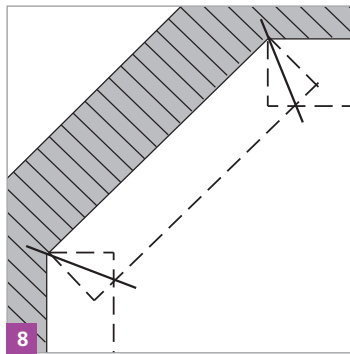


- Remove excess adhesive and use it to make good the mitres and any joints.
- To finish, moisten a paint brush and trace it along the junctions of the profile and background.



Stop ends

- Stop ends are required where openings extend to ceiling height. Measure out a length of profile for the run which abuts the wall opening or reveal, and cut the appropriate external mitre.
- Cut the corresponding mitre on a short surplus length and cut the length off square to leave a wedge shape which forms a perfectly fitting, mitred stop-end.
- Fix both lengths as normal (the longer one first) and make good the mitre with Gyproc Cove Adhesive as previous.



Mitring by the projections method

- Draw lines along the ceiling parallel to the walls and extend them to intersect as shown (refer to 'Preparation' earlier for dimension).
- Place suitably sized profile section with square ends in position and mark on its wall edge the point where the walls meet, and on the ceiling edge the point where the lines drawn intersect.
- Cut the profile along a line drawn between the two marks.

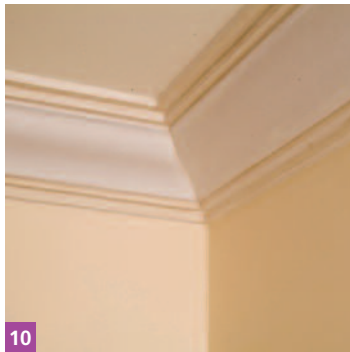
Finishing

- After making good, allow to dry thoroughly, then treat surfaces with Gyproc Drywall Primer, prior to applying the decorative paint finish.

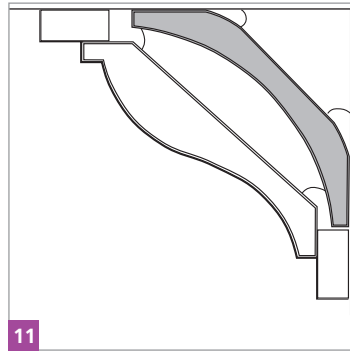


Creating Steps

- For the desired profile, decide how many steps are required at the wall and ceiling positions and the step sizes.
- Work out the position of the Gyproc Cornice Strips and mark the ceiling and / or wall.
- Scratch plastered or painted areas which will be in contact with the profile to provide a key for the adhesive, and brush away any dust or loose material.



- Lightly nail the wall / ceiling to aid alignment and give temporary support while the adhesive sets. Use two nails for each strip.
 - Apply Gyproc Cove Adhesive, approximately 3mm thick, to each strip and comb out.
 - Position the strip against the background and tap back with straight edge.
 - Fix additional strips in the same manner. Make sure the adhesive has set thoroughly before starting the next stage.
 - Butt-joint Gyproc Cornice Strips together at angles.
- NB** When creating stopped ends with Gyproc Cornice Strips, note where the farthest piece finishes on the ceiling and mark back the projection to the projection on the wall line. Step back each strip to form the feature required as a stopped end.



- Treat all exposed edges as necessary to control suction before making good the step joints.
- When dry, brush in adhesive to the small gaps at step edges. The steps are now ready to receive the Gyproc Cove or Cornice profile.

Covering existing mouldings

- Fix Gyproc Cornice Batts in the same manner as Gyproc Cornice Strips to allow the new profile to bridge over an existing old or damaged moulding without the need to remove it.

Construction tips - Styletrims

- Gyproc Styletrims can be used in conjunction with Gyproframe metal studs, metal furring channels, British Gypsum **GyLyner** systems, and timber framing
- Vertical runs of Gyproc Styletrim and all Gyproc Styletrim joints should be supported by framing members
- Gyproc Styletrims should be backed by plasterboard, avoiding direct contact with framing members
- If plasterboard is removed for installation of Gyproc Styletrims, fire resistance and sound insulation performances will be affected and an additional layer of plasterboard may need to be installed

Installation

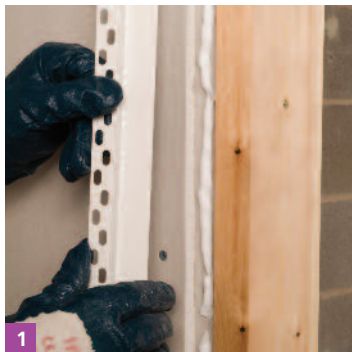
Installing Gyproc Styletrims

Cutting

- Cut Gyproc Styletrims using a fixed power saw. Ensure accurate cutting in order to achieve neat butt joints and mitre joints.

Preparation and planning

- First install the framing and plasterboard linings.



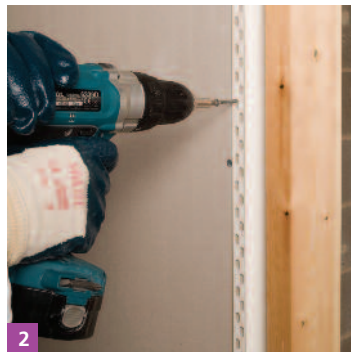
Sealant fixing

- Apply a 5mm bead of Gyproc Sealant to the lining surface which will be in contact with the solid surface(s) of the Gyproc Styletrim.
- Position the Gyproc Styletrim and press firmly into the sealant bead, working progressively along the length of the Gyproc Styletrim.

NB If sealant is applied to the edge of a board, this should be a bound edge. If a cut edge is unavoidable, pre-treatment with a suitable bonding agent may be necessary.

Mechanical fixing

- Where increased strength is required e.g. Gyproc Styletrim corners, mechanically pre-fix Gyproc Styletrim prior to joint treatment.
- Screw-fix the Gyproc Styletrim where it crosses support framing, at 600mm maximum centres, using Gyproc Drywall Screws (or Gyproc Jack-Point Screws if framework metal is 0.80mm thick or greater).
- Where the Gyproc Styletrim runs along the line of the framing, fix at 150mm centres.



- Insert the screw through the slot in the fin nearest to the centre line of the framing member, and fix using a slow speed screwdriver.

NB Select screws of adequate length to engage the framing - when fixing to Gypframe studs through two layers of 12.5mm Gyproc plasterboard use 36mm Gyproc Drywall Screws, through one layer of 12.5mm board use 25mm Gyproc Drywall Screws. Ensure that the head is driven home fully to avoid fouling the trowel during subsequent jointing. For timber studs a minimum penetration of 25mm is required.

Sealant plus mechanical fixing

- Where maximum durability is required e.g. areas subject to impact such as all doors and skirtings, a combination of sealant and mechanical screw-fixing is recommended. In this situation, Gyproc Joint Tape should be used during the jointing process.

- Locate the Gyproc Styletrim using a continuous bead of Gyproc Sealant as described in 'Sealant fixing'.



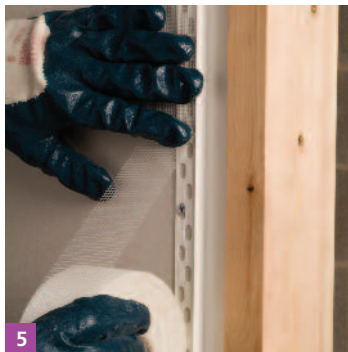
- Insert Gyproc Drywall Screws as described in 'Mechanical fixing', earlier.



Jointing

- Lay on jointing material as required and firmly bed Gyproc Joint Tape.
- Follow on immediately with a further application of jointing material, filling out flush from the raised lip of the Gyproc Styletrim to the lining surface.

NB Ensure that the tape does not overlap the raised lip of the Gyproc Styletrim.



- Take care to remove any surplus material from the Gyproc Styletrim using a damp sponge or cloth.

- Finish the joint by applying one or two coats of jointing material as required.

NB Thistle ProTape FT50 can be used in place of paper tape. No bedding is required, but the jointing material must be pressed adequately through the tape mesh during trowelling. However, Gyproc Joint Tape provides greater resistant to cracking compared to Thistle ProTape FT50.