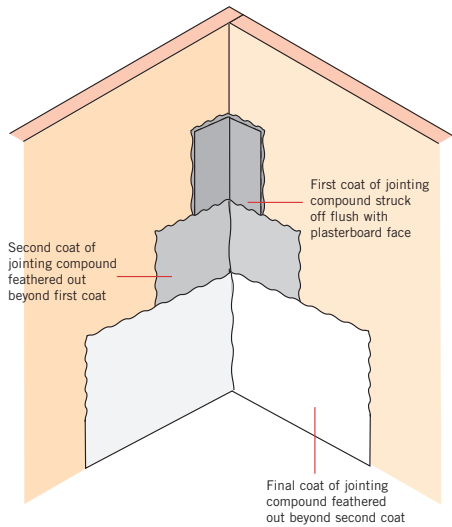
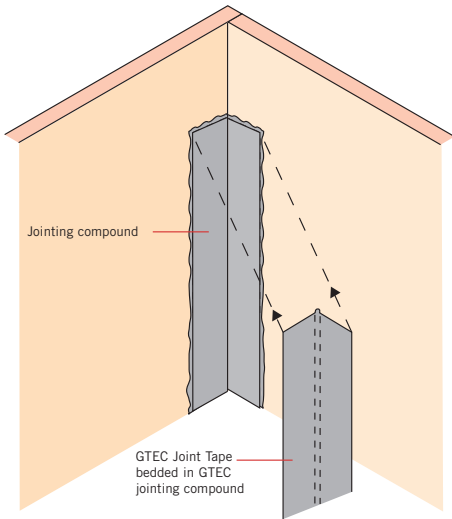




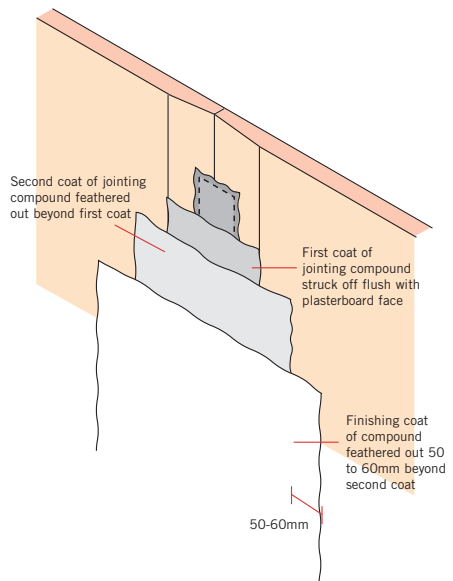
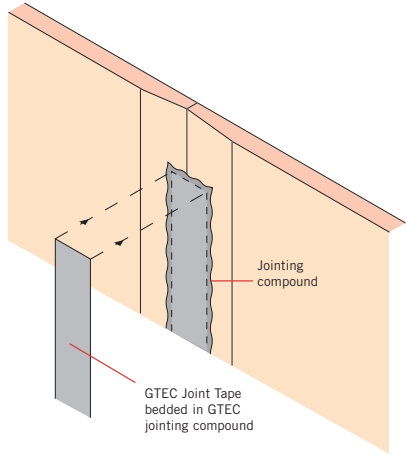
Lafarge GTEC Taping and Jointing System is used for the seamless jointing of plasterboard.

Finishing: GTEC Taping & Jointing System

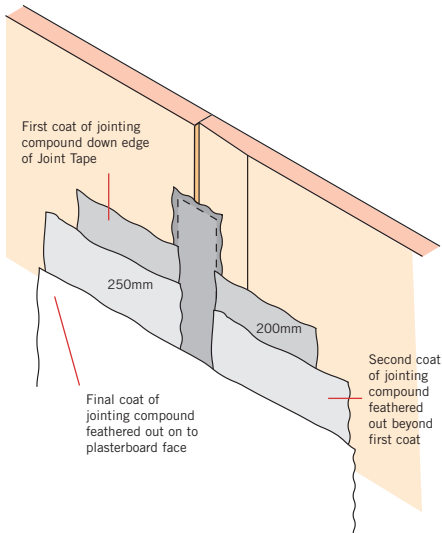
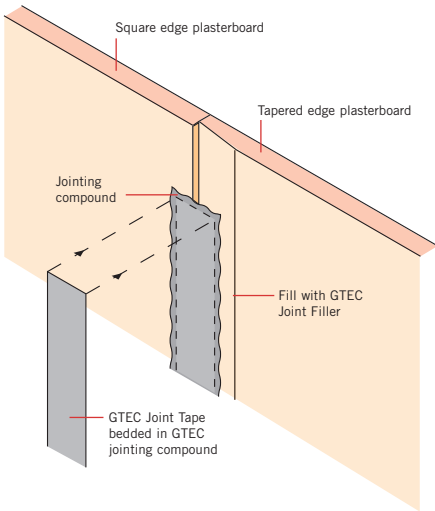
Internal Angles



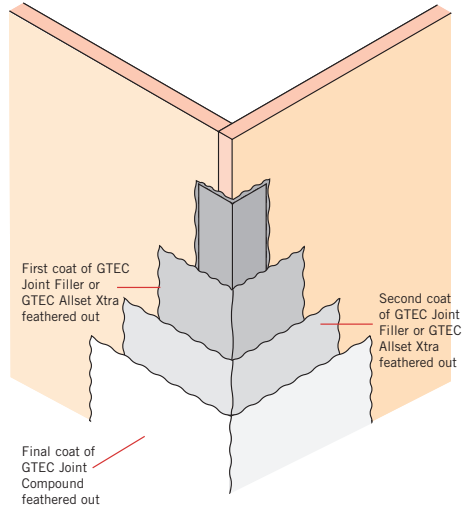
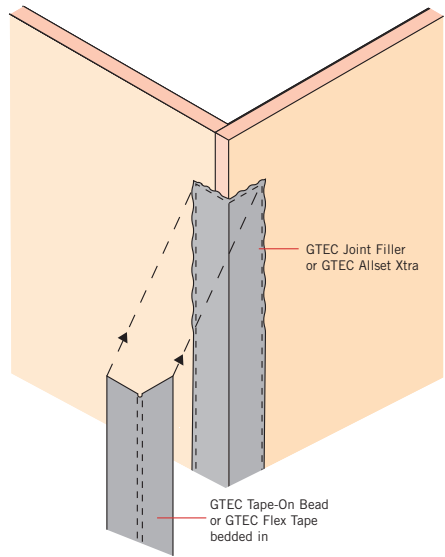
Tapered Edge Joints



Square and Cut Edge Joints



External Angles



Note: GTEC Joint Filler and GTEC Allset Xtra are the only compounds suitable for bedding external corner protection

1



Internal Angles

Using a 4" tapping knife, apply jointing compound to both sides of internal angle.

2



Internal Angles

Bed the paper joint tape into corner and cover tape with jointing compound, striking off flush with the plasterboard face.

3



Internal Angles

When the tape has set hard or fully dried, apply a second coat of jointing compound, feathering out beyond the edges of the first coat.

4



Internal Angles

When set hard and fully dried, apply a finishing coat of air drying compound or **GTEC Allset Xtra**, feathering out beyond the edges of the second coat. Now allow the joint to dry fully.

5



Tapered Joints

Using a 6" tapping knife or trowel, apply jointing compound to tapered joint.

6



Tapered Joints

Bed paper joint tape into the compound and cover tape with jointing compound, striking off flush with the plasterboard face.

7



Tapered Joints

When set hard or fully dried, apply a second coat of jointing compound, feather out beyond the edges of the first coat.

When set hard or fully dried apply a finishing coat of air-drying compound or **GTEC Allset Xtra**, feathering out beyond the edges of the second coat. Now allow the joint to dry fully.

8



Square Edge Joints

When taping square or cut edges, after bedding the tape apply a 200mm band of jointing compound down the edges of each side of the **GTEC Joint Tape**.

9



Square Edge Joints

When set hard or fully dried, apply a second coat of jointing compound, feather out beyond the edges of the first coat.

10



Square Edge Joints

When set hard or fully dried, apply a third coat of jointing compound, feather out beyond the edges of the second coat.

11



Square Edge Joints

Using a **GTEC Jointing Sponge**, clean all the edges of jointing compound on finishing coats to minimise sanding. Now allow the joint to dry fully.

12



External Angles

Using tin snips, cut **GTEC Flex Tape** to length. Pre-crease tape so that the heat bonded metal strips face is in towards the plasterboard.

13



External Angles

Using a 4" tapping knife, apply a 50mm wide band of **GTEC Joint Filler** or **GTEC Allset Xtra** on each side of the angle.

14



External Angles

Bed the tape onto the corner. Once bedded, cover each side of the tape with a 100mm band of **GTEC Joint Filler**, feathered out onto plasterboard face.

When set hard, apply a second coat of **GTEC Joint Filler**, feathered out 50 to 60mm beyond the edges of the first coat.

15



External Angles

When set hard, apply a finishing coat of air-drying compound or **GTEC Allset Xtra**, feathered out 50 to 60mm beyond the second coat. Now allow to dry fully.

Lafarge GTEC Taping and Jointing System

Lafarge GTEC Taping and Jointing System is used for the seamless jointing of plasterboard to walls and ceilings.

Applications

- Jointing of tapered edge plasterboard.
- Jointing all flat, internal and external corner joints.
- Jointing GTEC Profiles with plasterboard.

Benefits

- Continuous walls and ceilings created with ease.
- Stronger joints than other alternative methods.
- Fast setting and drying times, allow quicker decoration.
- Only a small amount of material required on site compared to wet plaster.

Good Site Practice

- Store jointing compounds and tapes in dry conditions, protected from damp and extreme temperatures.
- When mixing powdered jointing compounds always leave to stand for the recommended time indicated on packaging.
- Always ensure joints are fully dried before decoration.
- Lafarge recommends the use of a coat of GTEC Universal Sealer prior to decoration.
- Never use air-drying jointing compounds under GTEC Joint Filler or GTEC Allset Xtra.
- Always ensure compounds are used in the correct sequence.

Jointing Compounds

All GTEC jointing compounds finish white, are exceptionally smooth to work with, and easy to sand for a very fine finish.

There are six types:

- GTEC Smartmix** Vinyl based pre-mixed jointing compound for air-drying applications. Suitable for bedding tapes and finishing joints by the Premier or similar automatic taping tools or by hand. GTEC Smartmix is a three coat application system.
- GTEC Smartmix Xtra** is a lightweight, air drying pre-mixed joint cement for hand or mechanical jointing. 2 coat application.
- GTEC Joint Cement** is an air drying joint cement for hand or mechanical jointing. 3 stage application.
- GTEC Joint Cement Xtra** A lightweight air drying compound for bedding tapes and finishing joints, either by hand or using a machine. GTEC Joint Cement Xtra allows the jointing operation to be completed in two stages.
- GTEC Joint Filler** a setting compound for hand jointing. Not suitable for finishing.
- GTEC Allset Xtra** is a setting compound for hand jointing with low shrinkage. 2 coat application.

Joint Tape

GTEC Joint Tape is a white, perforated, cross fibre paper tape. hand or mechanically applied, which provides a superior level of joint reinforcement.

External Corner Protection

There are two types:

- GTEC Flex Tape** is a cross fibre tape reinforced with rust resistant steel strips. Bedded into position using GTEC setting compounds. No waste - cut to the required length using Tin Snips.
- GTEC Tape-Ons** are paper tape beads reinforced with galvanised metal, provides clean, crisp angles, wax coated to reduce paper burr. Pre-formed to 90°.

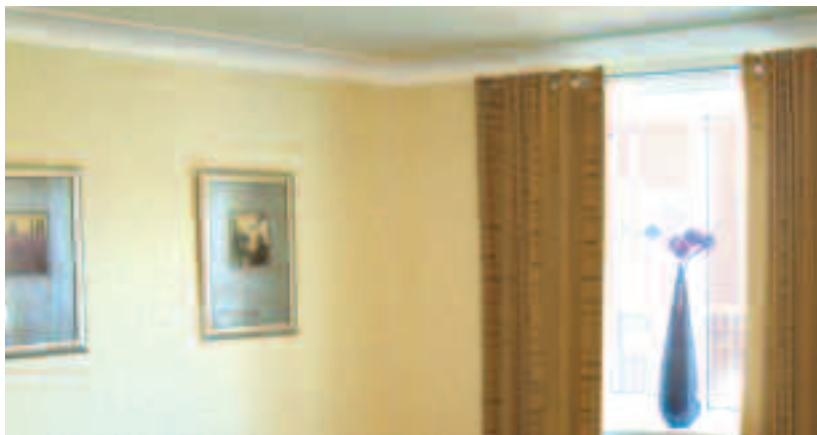
Table 1:
Jointing compound and component choice

<i>Compound</i>	<i>Bedding corner tapes</i>	<i>Bedding joint tapes</i>	<i>Finishing coats</i>	<i>Sanding paper</i>
GTEC Joint Filler	•	•		
GTEC Joint Cement		•	•	150 grit
GTEC Smartmix		•	•	150 grit
GTEC Smartmix Xtra		•	•	150 grit
GTEC Allset Xtra	•	•	•	120 grit
GTEC Joint Cement Xtra	•	•	•	150 grit

Components	Quantity
GTEC Smartmix 	20 kg
GTEC Joint Cement 	25 kg
GTEC Joint Cement Xtra 	22.5 kg
GTEC Joint Filler 	12.5 kg
GTEC Smartmix Xtra 	20 kg
GTEC Allset Xtra 	10 kg
GTEC Joint Tape 	150m
GTEC Flex Tape 	33m
GTEC Corner, 90° External 	2.4m 3.0m
GTEC Stop Bead 9.5mm and 12.5mm 	3.0m

Components	Quantity
GTEC Universal Sealer 	10 litres
GTEC Drywall Sealer 	10 litres
GTEC Jointing Sponge 	-
GTEC Internal Corner Tool 	-
GTEC Pole Sander 	-
GTEC Hand Sander 	-
GTEC Hammer Head Taping Knife 4" 	-
GTEC Long Handle Broad Knife 	-

For further information on compounds, please refer to the GTEC Finishing Solutions brochure.



GTEC Cove is a simple and cost effective way of adding attractive and distinctive features to the wall and ceiling junction.

Finishing: GTEC Cove

Preparing and Fixing GTEC Cove

Make sure the background is dry and rigid. Any wallpaper, whitewash, distemper or loose decorations should be removed. Brush over the surface to remove any remaining loose particles and dust.

- 1 Using a chalk line strike guidelines on the ceiling and wall to the correct projection and depth.

64mm for 90mm GTEC Cove 90
84mm for 120mm GTEC Cove 120

- 2 Using the guidelines on the wall, drive in the nails at 1500mm centres to act as a temporary support while the **GTEC Cove Adhesive** sets.
- 3 Using a fine-toothed saw cut all the pieces of **GTEC Cove** to length and mitre to fit the corners of the room. The mitres can be cut using a mitre block or template. Templates are included in this installation guide.

Note: It is best practice to fit the longest lengths first and work in one direction around the room. If the room has a chimney breast start on the face of the chimney and work in one direction around the room.

- 4 Mix the **GTEC Cove Adhesive** as per instructions on the bag. Apply the adhesive to the back of the cove along its full length on the surfaces that meet wall and ceiling.
- 5 Sit the lengths of cove on the nails and press into position between the guidelines, carefully lining up joints and intersections.
- 6 Clean off surplus adhesive with a filling knife and smooth using a sponge.
- 7 Using **GTEC Cove Adhesive** fill any gaps between the cove and the wall or ceiling. Make good all internal and external junctions.
- 8 Remove all the temporary nails once the **GTEC Cove Adhesive** has set and fill the nail holes.
- 9 Using a damp sponge, clean off any adhesive residue from the walls, ceiling and cove surface.
- 10 Apply one coat of **GTEC Universal Sealer**, or if a vapour control layer is required use two coats of **GTEC Drywall Sealer**, and decorate as required.



Cover image courtesy of Bovis Homes

5



6

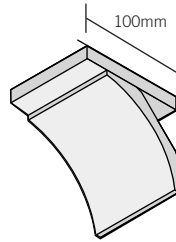


The addition of plasterboard strips between the coving and the wall/ceiling can greatly enhance the coving feature. To facilitate decoration, ensure that the visible edges of the plasterboard strips are bound edges.

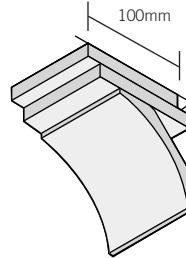
See illustrations (right) for typical details using plasterboard strips.

Install using the following method:

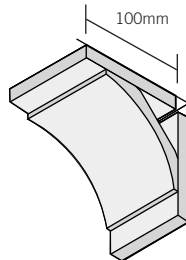
1. Fix 12.5mm x 100mm strips of GTEC Standard Board with GTEC Cove Adhesive.
2. Fix GTEC Cove to the wall and ceiling with GTEC Cove Adhesive.



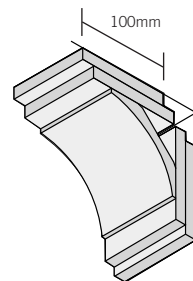
GTEC Cove bonded with GTEC Cove Adhesive at ceiling to GTEC Standard Board strip 12.5mm x 100mm wide securely fastened to ceiling*



GTEC Cove bonded with GTEC Cove Adhesive at ceiling to two GTEC Standard Board strips 12.5mm x 100mm wide securely fastened to ceiling*



GTEC Cove bonded with GTEC Cove Adhesive at wall and ceiling to GTEC Standard Board strip 12.5mm x 100mm wide securely fastened to ceiling and wall*



GTEC Cove bonded with GTEC Cove Adhesive at wall and ceiling to two GTEC Standard Board strips 12.5mm x 100mm wide securely fastened to ceiling and wall*

*Use square edge plasterboard, bound edges outward.

Finishing: GTEC Cove

GTEC Cove is a simple and cost effective way of adding attractive and distinctive features to the wall and ceiling junction. Designed for internal use, GTEC Cove can complement any room style.

GTEC Cove is made from plaster encased in a strong paper liner. The square back profile and pure gypsum core provide high strength and rigidity giving easy fixing and good workability.

Benefits

- GTEC Cove is suitable for receiving most types of decoration including paint, applied paper borders and textured coatings.
- GTEC Cove Adhesive dries white for ease of decoration and is ideal for filling and patching.

Components

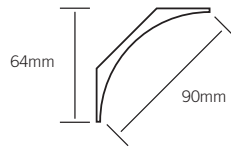
Lafarge
code

GTEC Cove Adhesive



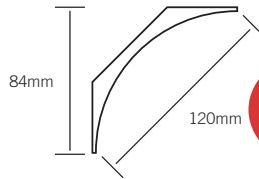
COVE
ADH 5
(5kg)
or
COVE
ADH 125
(12.5kg)

GTEC Cove 90



COVE 90

GTEC Cove 120



COVE 120

Now lighter -
making
installations
even easier!



Sizes

Girths (mm)	Lengths (mm)	Weights (kg/m)
GTEC Cove 90	3000, 3600	0.9
GTEC Cove 120	3000, 3600, 4200	1.0

THIS IS THE CEILING EDGE

GTEC Cove 120

Instructions for marking and cutting mitres

1. Place the GTEC Cove on the bench with the ceiling edge towards you as in Diagram 1.
2. Measure the length of the wall and mark this length on the wall edge of the GTEC Cove. Remember to add an extra 82mm for each external mitre.
3. Select mitres A,B,C or D.
4. Fold the template along the dotted lines to suit the selected mitre.
5. Place the template with the selected mitre to the curve of the cove with the folded edges along the wall and ceiling edges following instructions on the curve.
6. Using a pencil, mark the line following the edge of the template. Also mark the wall and ceiling edges.
7. Select the correct mitre for the other end of the GTEC Cove. Mark as previously described.
8. Hold the GTEC Cove firmly with the wall edge facing up. Using a fine tooth saw, cut along the line into the curved face of the GTEC Cove as shown in Diagram 1.
9. Before fixing, hold the cut length of GTEC Cove in position to see if the mitres and length are correct.

CURVE FOR EXTERNAL MITRE **B** - PLACE ON RIGHT HAND EDGE OF GTEC COVE

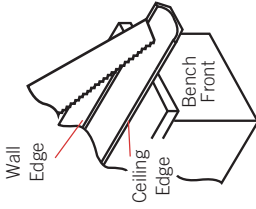
PLACE ON LEFT HAND EDGE OF GTEC COVE - CURVE FOR INTERNAL MITRE **C**

ALIGN WITH WALL LENGTH MARKS - THIS IS THE WALL EDGE

THIS IS THE CEILING EDGE

GTEC Cove 120

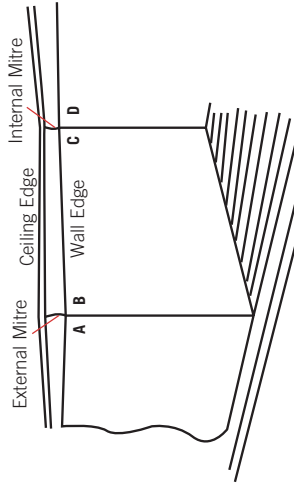
DIAGRAM 1



CENTRE FOR EXTERNAL MITRE **A** - PLACE ON LEFT HAND END OF GTEC COVE

PLACE ON RIGHT HAND END OF GTEC COVE - CURVE FOR INTERNAL MITRE **D**

DIAGRAM 2



ALIGN WITH WALL LENGTH MARKS - THIS IS THE WALL EDGE

THIS IS THE CEILING EDGE

GTEC Cove 90

Instructions for marking and cutting mitres

1. Place the GTEC Cove on the bench with the ceiling edge towards you as in Diagram 1.
2. Measure the length of the wall and mark this length on the wall edge of the GTEC Cove. Remember to add an extra 62mm for each external mitre.
3. Select mitres A, B, C or D.
4. Fold the template along the dotted lines to suit the selected mitre.
5. Place the template with the selected mitre to the curve of the cove with the folded edges along the wall and ceiling edges following instructions on the curve.
6. Using a pencil, mark the line following the edge of the template. Also mark the wall and ceiling edges.
7. Select the correct mitre for the other end of the GTEC cove. Mark as previously described.
8. Hold the GTEC Cove firmly with the wall edge facing up. Using a fine tooth saw, cut along the line into the curved face of the cove as shown in Diagram 1.
9. Before fixing, hold the cut length of GTEC Cove in position to see if the mitres and length are correct.

CURVE FOR EXTERNAL MITRE **B** - PLACE ON RIGHT HAND EDGE OF GTEC COVE

PLACE ON LEFT HAND EDGE OF GTEC COVE - CURVE FOR INTERNAL MITRE **C**

ALIGN WITH WALL LENGTH MARKS - THIS IS THE WALL EDGE

