



# CORNICES

PRODUCTS AND APPLICATIONS



## INTRODUCTION

USG Corporation and Boral Gypsum have joined forces to become market leaders across Asia, Australasia and the Middle East, transforming the two companies into a world-leading building products business, USG Boral Building Products (USG Boral).

At USG Boral, we believe the best innovations start with a purpose – a focus on why the innovation is needed and who will benefit from it. Our focus is to deliver innovations that help you work smarter, do more, and build better. Through an ever-growing portfolio of groundbreaking products, backed by unparalleled service, we empower our customers to build their business, much the same way you build cities and communities the world over. We do so by investing in purposeful innovation, expanding into different markets and constantly searching for ways to increase performance and productivity.

This commitment to innovation and focus on you, our customer, is inspired by a desire to enable architects, contractors and workers alike to improve the way we live by changing the way buildings are designed and built.

### CORNICES

USG Boral offers a range of paper-face cornices, from SHEETROCK® Cove to Decorative Cornice profiles that will complement a variety of decors. This includes classic, modern and contemporary interior designs.

When renovating, consider retrofitting the New York 90mm or Sydney 90mm profiles over existing Cove 55mm, without the need to remove the old cornice.

All USG Boral cornices consist of a gypsum core, encased in a strong 100% recycled paper liner. They're manufactured to stringent USG Boral product quality specifications.



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# 1.0 | SHEETROCK® COVE

## 1.0 SHEETROCK® COVE

SHEETROCK® Cove is USG Boral's new lightweight paper-faced cove cornice with high strength-to-weight composite design providing great rigidity for ease of handling and installation. It is easy to cut, mitre and clean up.

The classic clean lines and consistent profiles makes it the perfect choice to complement all types of residential and commercial interiors. SHEETROCK® Cove is manufactured with high strength-to-weight composite design and encased in 100% recycled paper, meeting stringent USG Boral product quality specifications.



### SHEETROCK® COVE CORNICE

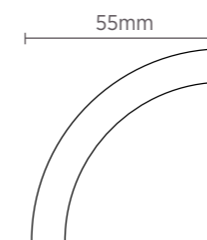
Using innovative core technology, SHEETROCK® Cove is 5% lighter than previous USG Boral Cove products\* and has high strength-to-weight composite design. Encased in a strong 100% recycled paper liner, SHEETROCK® Cove provides a more rigid cornice, making carrying, handling and installing easier. It is ideal for residential and commercial internal ceiling applications. It is available in 55, 75 and 90mm profile sizes and 3.6m lengths.

\*Compared to USG Boral Standard Cove 55, 75 and 90mm.



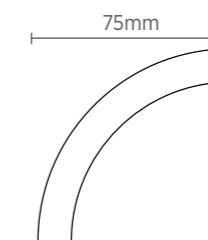
#### 1.1 SHEETROCK® COVE 55mm

Feature	Description
Size	55mm
Length	3600mm
Mass	58kg/100LM (nominal)



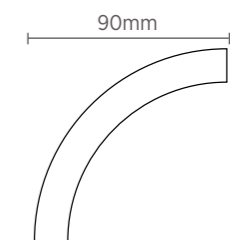
#### 1.2 SHEETROCK® COVE 75mm

Feature	Description
Size	75mm
Length	3600mm
Mass	90kg/100LM (nominal)



#### 1.3 SHEETROCK® COVE 90mm

Feature	Description
Size	90mm
Length	3600mm
Mass	118kg/100LM (nominal)



## 2.0 DECORATIVE CORNICE

USG Boral offers a range of paper-faced decorative cornices that will complement a variety of decors including classic, modern and contemporary interiors.

USG Boral decorative cornices, such as New York 90mm and Sydney 90mm can be retro-fitted over existing square sets or Cove 55mm. All decorative cornices come at a standard length of 3.6m.

All USG Boral decorative cornices consist of a gypsum core encased in a strong 100% recycled paper liner and are manufactured to stringent USG Boral product quality specifications.

## 2.0 | DECORATIVE CORNICE



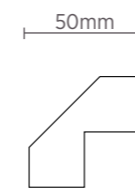
### CAIRO CORNICE

The Cairo is stepped and sharply defined with clean crisp angles. This distinctive angular cornice is available in 2 step as well as 3 and 4 step profiles, making it easy to create a sensation of height and space in any room. Cairo's aesthetically striking profile can be used across a diverse range of decors, especially lending itself toward modern interiors.



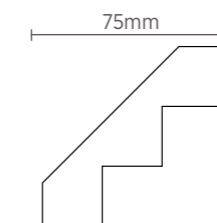
#### 2.1 CAIRO 2 STEP 50mm

Feature	Description
Size	50mm
Length	3600mm
Mass	125kg/100LM (nominal)



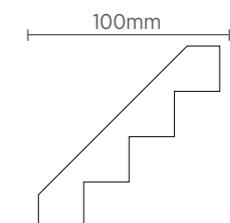
#### 2.2 CAIRO 3 STEP 75mm

Feature	Description
Size	75mm
Length	3600mm
Mass	150kg/100LM (nominal)



#### 2.3 CAIRO 4 STEP 100mm

Feature	Description
Size	100mm
Length	3600mm
Mass	210kg/100LM (nominal)



## 2.0 | DECORATIVE CORNICE



### 2.4 LINEAR 75mm

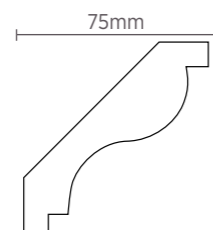
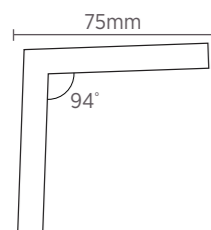
For the discerning individual looking for the next generation in cornice, Linear is at the forefront of contemporary design. Characterised by its minimal architectural lines, the stylish 75mm square edge profile is a perfect complement for modern residential and commercial interiors. An ideal upgrade from Cove cornice, Linear is the obvious design alternative when considering a square edge finish.

### 2.5 MANLY 75mm

A stylish fresh appearance, Manly offers a decorative touch with an understated smooth contour combining for a clean, flawless statement. Well suited for most ceiling heights as well as a majority of interiors.

Feature	Description
Size	75mm
Length	3600mm
Mass	135kg/100LM (nominal)

Feature	Description
Size	75mm
Length	3600mm
Mass	130kg/100LM (nominal)



## 2.0 | DECORATIVE CORNICE



### 2.6 SYDNEY 90mm

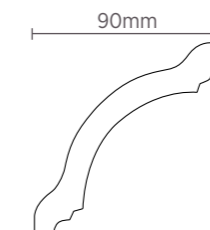
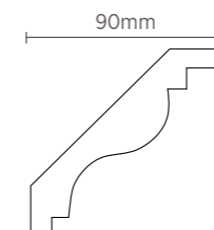
With its combination of smooth curves and straight lines, Sydney is a stunning 90mm decorative cornice that adds style and elegance to any room. An ideal upgrade from Cove cornice, Sydney exemplifies a classic timeless look and is bound to provide visual dominance to a broad selection of interior types.

### 2.7 NEW YORK 90mm

The clean, straight lines and sleek curves of New York cornice combine understated elegance with a modern edge. This stylish 90mm profile adds an element of refinement, sophistication and space to a room, minus the exclusive price tag. New York decorative cornice is perfect for renovations, as there is no need to remove the existing 55mm standard cornice - New York can simply be installed over the top.

Feature	Description
Size	90mm
Length	3600mm
Mass	160kg/100LM (nominal)

Feature	Description
Size	90mm
Length	3600mm
Mass	150kg/100LM (nominal)



## 3.0 INSTALLATION

The installation specifications provided are applicable to USG Boral paper-faced cornices including SHEETROCK® Cove and the Decorative range.



## 3.0 | INSTALLATION



### 3.1 HANDLING & LAYOUT

- Ensure cornices are stacked neatly away from traffic areas to protect profile and prevent damage.
- Cornice should be carried and handled 'on edge' to avoid cracking the core or wrinkling the paper liner.
- Where possible, use full lengths of cornice and mitre all corner and butt joints.
- Ensure accurate and level placement by marking ceiling and walls with a line at the cornice edge.
- Install shorter lengths of cornice first then fit longer lengths by bowing out to spring mitres into place.

### 3.2 CUTTING

- Measure, mark and cut cornice with a mitre cut each end, using a fine-tooth saw and a mitre box.
- Cut internal angles from the long point, and external angles from the short point.
- Check each cut piece of cornice for actual fit.
- Measure and pre-cut cornice to length before mixing the cornice adhesive.

### 3.3 FIXING

- Fix cornice to plasterboard walls and ceilings using USG Boral Cornice Adhesive with nails as temporary support for at least 20 minutes.
- If cornice is fixed to fibre cement linings, thoroughly wet the fibre cement at cornice line to prevent premature cornice adhesive dry-out and cracking at bottom edge.
- Apply 10mm bead of Cornice Adhesive to top and bottom cornice edges.
- All mitres and joints should be buttered with Cornice Adhesive.
- Fibrous plaster cornice must be thoroughly dampened along mitres prior to the application of Cornice Adhesive.
- Large cast cornices and ceiling roses may require mechanical or other supplementary fixing. Refer to manufacturer's recommendations.
- Painted surfaces require scoring or abrading, or both, to provide an adequate key prior to the application of cornice adhesive and cornice.
- Cornice must be mechanically fixed around cupboards and onto timber beams.

- In hot and dry conditions, take care to avoid premature drying of adhesive and subsequent loss of adhesion. In these conditions, surfaces may need to be slightly dampened.
- Refer to Garage and External Ceilings or online for additional installation requirements in these areas.
- When adhering cornice to masonry wall, apply Cornice Adhesive to the back of cornice so that it does not squeeze out under the bottom edge.
- Only mix quantities of Cornice Adhesive that can be used before setting commences.
- Use clean potable water and clean containers for mixing.
- Add Cornice Adhesive powder to water and mix to a usable paste.
- Avoid over-mixing as this may accelerate setting.
- Addition of other materials to Cornice Adhesive could impair its performance and is not recommended.

## PRODUCT INFORMATION

See USGBoral.com for the most up-to-date product information.

## SALES ENQUIRIES

Auckland (09) 270-2595

Wellington (04) 560-4528

Christchurch (03) 365-4245

## TECHNICAL ASSISTANCE

0800 USG BORAL

### NOTE

Products described here may not be available in all geographic markets. Consult your USG Boral sales office or representative for information.

This Technical Information Guide is intended to provide general information and should not be used as a substitute for professional advice. There are many variables that can influence construction projects which affect whether a particular construction technique is appropriate. Before proceeding with any project we recommend you obtain professional advice to ascertain the appropriate construction techniques to suit the particular circumstances of your project having regard to the contents of this Installation Manual. We recommend you use qualified tradespersons to install this system. The technical information contained in this manual was correct at the time of printing. Building systems, details and product availability are, however, subject to change. To ensure the information you are using is current, USG Boral recommends you review the latest building information available on the USG Boral website. For further information contact TecASSIST™ or your nearest USG Boral Sales Office.