

# Installation Advice

---

## Tools Required

Firstly, you'll need the right tools for the job. Those are

1. A Dynamic mitre box.
2. A Dynamic polystyrene saw.
3. A Tape measure.
4. A caulking gun.
5. A chalk line.
6. A sponge.

All these tools are in the Dynamic DIY Kit. Also included is an installation CD which will provide your customer with invaluable tips to assist in the installation of their Dynamic products.

## Mitring (Cutting) the Cornice

A common mistake is to lay the cornice "flat" and cut as if it was architrave or a picture frame. Remember that the cornice is propped against the back plate of the mitre box (see images below) – The cornice is always put in the mitre box "upside down" - i.e. the edge that will be fixed to the ceiling should be on the base (horizontal section) of the box.

There are two main cuts necessary when doing an installation job. The first is the simple straight cut. Place the cornice in the mitre Box and using the polystyrene saw, cut straight across using the 90° guide.

The second type of cut will be necessary when cutting the cornice for corners, in other words, cutting the mitres. The first mitre we will deal with is the inside 90° mitre as this is the most common mitre. Place the cornice in the mitre box & using the 45° guide on the right hand side of the mitre box, cut the cornice. You will now have the cornice for the left hand side of your corner. For the right hand side of your corner, repeat the above but use the left hand side 45° guide to cut the cornice. (Illustration 1)

The outside 90° mitre is achieved by cutting the cornice as shown in illustration 2 using the 45° guide of the mitre box.

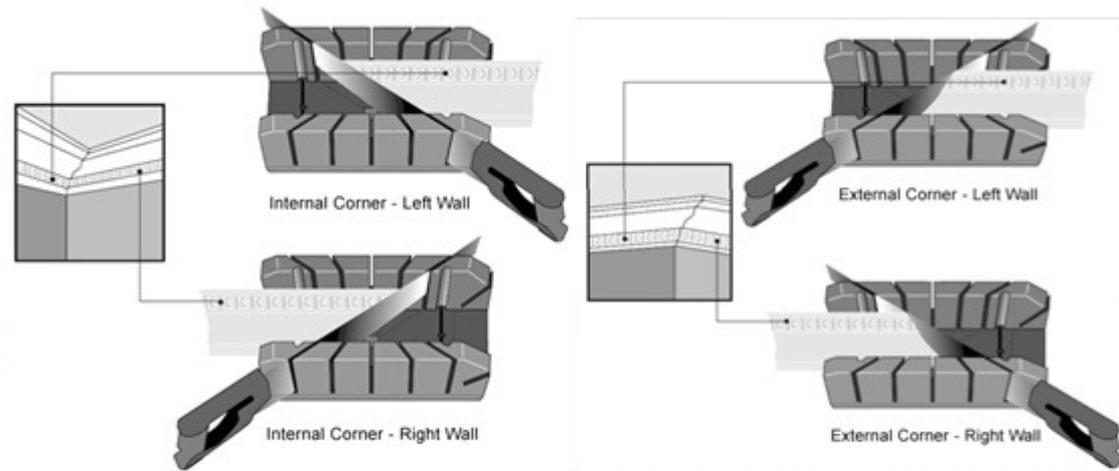


Illustration 1

Illustration 2

### Cutting General Advice

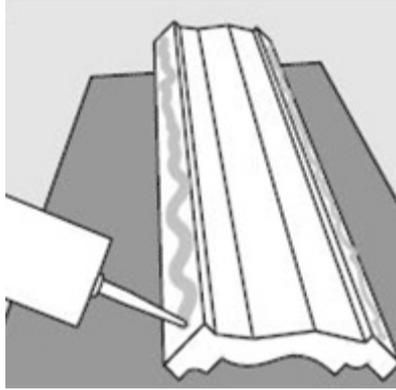
1. Use a firm, positive stroke of the saw.
2. Don't try and force the cut or cut too quickly.
3. Hold the cornice securely with your non-cutting hand to prevent it slipping or moving in the mitre box.
4. If possible, try and support/raise the other end of the cornice to the same level throughout so that the cornice isn't bending along the length.
5. Always measure! Don't guess!

Once you have made the cut, hold the two lengths together to check you are happy that the two sections meet. Don't worry if they do not meet perfectly – not many rooms have corners that are exactly 90°, so a perfect join is rare. That's where careful use of the DAS 2 in 1 adhesive / filler comes in later.

Always cut about 1 mm off each end of a length of cornice. This will provide for better adhesion when applying the adhesive and fitting the cornice.

### Application of Adhesive

When applying adhesive to the cornice, ensure that sufficient adhesive is applied along the entire length of the back edges of the cornice where it will meet the wall and ceiling. As a rough guide to coverage, a cartridge should be sufficient for 6-8m.



When joining two lengths of cornice to one another (butt joint), ensure that adhesive is applied to both surface to be joined. This will give a strong join and prevent any cracks appearing in the future (if applied correctly, the join will be stronger than the actual coving piece itself).

### **Fitting the Cornice**

Determine the drop down the wall from the ceiling that the cornice will be fixed at and ensure it is clean. Using the chalk line, draw a line around the room at this position. Ensure the line is horizontal – do not be tempted to follow the ceiling which may not be level (if there is any subsequent gap, this can be filled later).

Using the chalk line on the wall as a guide, push the cornice firmly into place, adjusting as necessary. You will have approximately 2 minutes to adjust the cornice before the adhesive begins to dry.

Repeat the above process around the rest of the room.

### **Finishing**

Remove any excess adhesive using a damp sponge. This will give your cornice installation a neat and tidy finish. Remember, when removing the excess adhesive, regularly rinse out your sponge to ensure as neat a finish as possible.

### **Painting**

Dynamic polystyrene cornice can be painted approximately 1 hour after installation. Any water based or acrylic paints can be used to paint on Dynamic polystyrene cornice directly.

***NB. DO NOT USE SOLVENT BASES PAINTS. THESE WILL DAMAGE THE CORNICE.***

Should it be necessary to use a solvent based paint, two coats of a PVA or primer should be applied and allowed to dry completely before painting with the solvent based paint.

If uncertainty exists as to the paint, test it first by painting a little on a piece of waste cornice and allowing it to stand for a few hours.