



## ARCHITECTURAL MOULDINGS INSTALLATION GUIDE

Date Issued: 01/09/2019

This installation guide is designed to offer enough information for builders, experienced tradespersons and DIY handy persons who are using DekoPro Architectural Mouldings for the first time.

### Tools Required

- Tape Measure, Marker, Pencil etc.
- Mitre Saw with diamond blade
- Level
- Packers (if required)
- Chalk/String Line
- 10mm Notched Trowel
- Small paint brush
- Power Mixer
- Mixing Bucket
- Sponge

### Materials Required

- DekoPro Architectural Mouldings
- Moulding Adhesive Part A (Davco Powder Mastic)
- Moulding Adhesive Part B (DekoPro Liquid Bond)
- Polyurethane Sealant
- Acryloc PrimeBond Grip Coat
- Acryloc Amourflex Membrane

### Preparation

Planning is the first step and when executed correctly will ensure the best results. Before fitting DekoPro mouldings ensure that the substrate/surface onto which you want to fix the mouldings is sound and free of contaminants such as dust, oil, sealants and water. Remove and flakey or loose paint or coatings and patch any holes or indentations.

Prior to Installation, run a sting/chalk line and level at the lower edge where the moulding will be fixed. Install temporary fixings alongside string line to substrate, and then use these to rest the mouldings into position.

Fixings for larger mouldings through the front is recommended. For mouldings that require this fixing method we recommended installation by an experienced tradesperson.

**NOTE:** Mouldings installed within wet areas such as top of parapet walls require metal flashing as per NCC Building Code of Australia.

## Expansion Joints

Where expansion/control joints exist in substrate, these need to be carried through the mouldings. Ensure that a suitable polyurethane sealant is used to fill the joint that has been created between mouldings.

## Measuring and Cutting

Every length of moulding must be cut prior to installation and joining.

There are two different measuring requirements for different moulding installations.

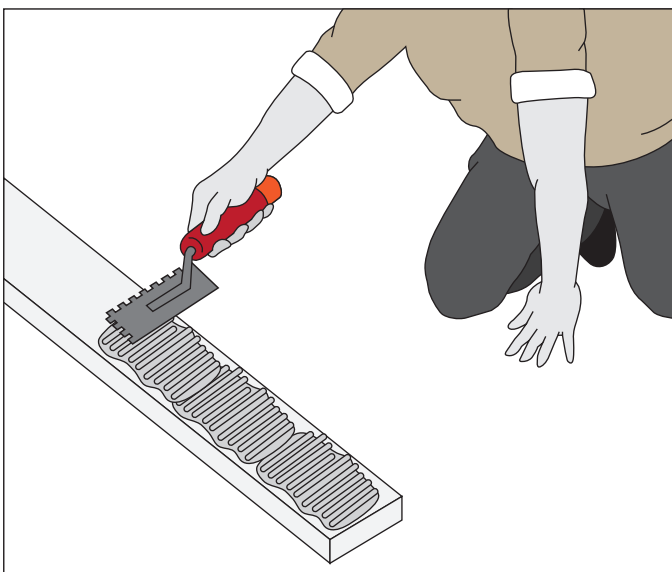
**Window Surrounds:** This requires measuring tolerances to be accurate within  $\pm 0.5\text{mm}$

**Building Walls:** This requires to add  $+1.5\text{mm}$  for external corners and minus  $-1.5\text{mm}$  for internal corners. We suggest mitre joins are carried out on straight runs.

We recommend to always check the cut moulding against the wall before applying adhesive. Dekopro recommends

## Applying Adhesive

1. Prepare the adhesive in a mixing bucket by adding the Moulding Adhesive Part-A powder first, followed by the water and then Moulding Adhesive Part-B liquid bond. Mix using an electric mixer until it's a thick smooth textured consistency. (Moulding Adhesives should be mixed at a 1:1 ratio of parts A to B)
2. Using a 10mm notched trowel, apply the adhesive generously to the back of the moulding and both sides.
3. Once the adhesive is on the moulding, apply the moulding to the wall using light pressure, ensure that the adhesive sticks to the surface. When applied to the wall, there should be a small consistent amount of adhesive oozing out, which should be cleaned immediately by using water and a rag.
4. Where there are mitres and straight joins, squeeze mouldings together and clean off any excess adhesive.



## Installation

Once adhesive has been applied to the moulding it is ready to be installed. Aim to place the moulding against the wall in one hit, this enables the suction of the adhesive to hold the moulding in place first time. Where temporary fixings have been installed, lift moulding into position.

## Fixing Methods

1. No fixing method is appropriate for when installing smaller mouldings on a wall that is porous enough to allow the adhesives to set quickly.
2. Temporary fixing method underneath moulding is highly recommended for all applications. Place nails or suitable temporary fixings along the chalk line to help with supporting the mouldings while the adhesive cures. The subsequent hole can be hidden by the adhesive oozing out underneath.
3. Fixing through the moulding method is always a solution for any size moulding and any substrate by inserting mechanical fixings or rods through the face onto the substrate and/or the top of larger mouldings on 45 degree angle if required; then patching.

**\*We recommended mouldings that require this fixing method for installation be carried out by an experienced tradesperson**

## Cleaning and Finishing

1. For cleaning off excess adhesive we recommend using a small tool, a 50mm paint brush (or sponge) and water. Use the small tool to cut away the excess adhesive. Any exposed ends must be sealed using powder mastic adhesive or wet polymer patch.
2. Using the flat end of the small tool, scrape forwards to clean off any remaining adhesive which may have oozed out.
3. Use water and 50mm brush or sponge to clean away all remaining adhesive. Do not leave a groove between the moulding and the substrate as this will show when painted. A flush corner with no surface adhesive is the ideal result for the best finish. Lightly sand an excess adhesive if required
4. All joins need to be flushed or finished with suitable sealant to complete the DekoPro moulding installation.

**Final Note:** To ensure longevity of the product, it is essential to paint within 7 days of finished installed mouldings. 2 sealer coats of Acryloc PrimeBond Grip Coat plus 2 to 3 coats of exterior membrane e.g Acryloc Amourflex Membrane, Weathershield or equivalent should be applied to all exposed surfaces. Dark colours are not recommended and warranted.