



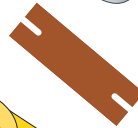
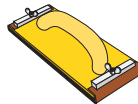
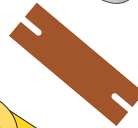
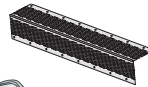
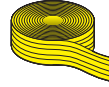
No. 2

Do - It - Yourself Solutions

Building an archway



What you will need for the job



- DIY Cornice Adhesive
 - DIY Total Joint Finish
 - DIY Plasterboard Screws
 - DIY Plasterboard Nails
 - DIY Supra-Weave F.G. Jointing Tape
 - DIY 150mm Broad Knife
 - DIY Hand Sander
 - DIY Sandpaper 150 Grit
 - DIY Dust Mask
 - DIY Trimming Knife
- Refer to Boral Plasterboard DIY Worksheet No.6 – Jointing and finishing*

Other

- Keyhole Saw
- Rondo Metal Arch Bead (3.6m)
- Rondo Metal External Corner Bead
- 12mm Particle Board Framing Timber
- 10mm Boral Plasterboard Sheet

How to build an archway

Preparation

Changing an existing doorway to an archway

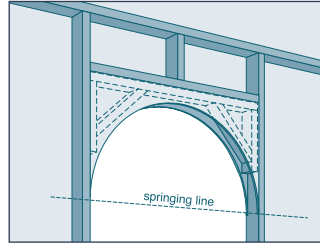
Remove door, architraves, jamb linings etc. to expose the doorway back to the original opening.

Changing an existing wall to an archway

Measure an area in the existing wall frame to allow for an arch opening of approximately 900mm wide (between studs) and 2100mm high (from floor level). This opening is equivalent to a standard doorway.

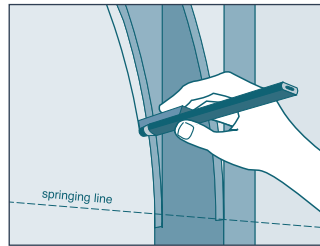
Constructing archway framework

Construct archway framework and cover with a 12mm particle board arch template that is the same width as the wall framing.
(Have a carpenter do this if necessary.)



Marking out arch profile

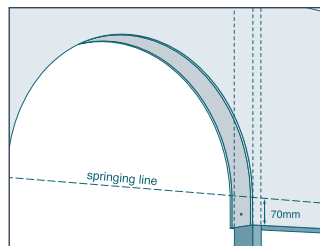
- 1 Nail or screw a single sheet of 10mm Boral Plasterboard at every 300mm to one side of the archway framing.
- 2 Make sure the bottom of the sheet extends 70mm below the springing line (see diagram). Mark level position of wall both sides of opening where arch starts to curve.
- 3 With a pencil and suitable spacer, mark the outline of the arch on the back of the plasterboard sheet, allowing for an extra 10mm around the particle board template to accommodate the curved reveal strip along inside of archway.



- 4 Using a keyhole saw, neatly cut out the arch.
- 5 Repeat for the other side of the frame.

Making out arch profile

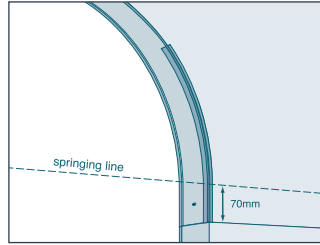
- 1 Measure the reveal (strip required to form inner edge of archway - the finished underside) and cut a strip of plasterboard wide enough to cover the area and long enough to extend at least 70mm below the springing line.
- 2 Dampening the plasterboard paper liner along the flexed side of the reveal strip will assist bending.
- 3 Apply DIY Cornice Adhesive along the inside edges of the plasterboard arch and press the reveal strip into place ensuring that continuous contact has been made.



- 4 Nail or screw the end of the reveal strip to the wall studs at least 50mm below the springing line on each side of the arch.

Fixing the Arch Bead

- 1 Bend the Metal Arch Bead to suit the curve of the arch ensuring the short leg of the bead is on the face of the main wall surface.
- 2 Be careful not to leave flat spots in the Arch Bead.
- 3 The long leg of the bead fits to the underside of the arch (reveal strip).
- 4 Cut the Arch Bead to length, allowing for at least an extra 70mm below the springing line.



- 5 Nail or screw the long leg of the bead through the plasterboard and into the particle board every 230mm (maximum centres) and no closer than 70mm below the springing line.

Finishing

- 1 Measure and fix the External Corner Bead to the straight sides of the archway.
- 2 Finish all bead applications and joints with DIY Total Joint Finish. (Refer to Boral Plasterboard DIY Worksheet No.6 – Jointing and finishing).

Health & Safety

- 1 Do not ingest contents of product packaging. If ingested, seek medical advice. 
- 2 Avoid creating dust when handling, mixing or sanding as dust from packaged products may contain crystalline silica. Repeated inhalation of silica dust over long periods of time may lead to bronchitis, silicosis or cancer. If dust is unavoidable, ensure adequate ventilation, wear eye protection and an approved disposable face mask that conforms to Australian Standards AS 1716 Type P1 or P2.
- 3 If dust or paste causes skin irritation, use impervious PVC, Nitrite or Rubber gloves.
- 4 Keep contents out of reach of children. 

Contact Information


In Emergencies call 1800 033 011, Poison Information on 13 11 26.

Note: If you don't feel confident enough to take on this project, contact your local Boral Plasterboard sales outlet for a list of competent contractors in your area.

For further technical assistance or more information on Boral Plasterboard DIY products, please contact TecASSIST 1800 811 222 or your local Boral Plasterboard sales office:

QLD	07 3115 7300	SA	08 7002 6300	VIC	03 9214 2138
TAS	03 6278 9966	ACT	02 6280 4243	WA	08 6226 9825
NSW	02 9638 0571	NT	08 8984 4484		

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