

Installation Method For 'Easy Lift' Type 'E' Arch Sets

Meadowstone 'D4Easy Lift' Arch sets are designed for post fixing to the wall face on completion of brickwork/blockwork structure.

Rendered Walls - hang stone arch directly onto built-in stainless steel 'U' brackets built into brickwork/blockwork before rendering. Render to arch and finish off by pointing with a suitable gunned mastic.

Three Stages of Fixing

Stage 1 - Building in Cleats

Arch without extensions

1a) Use timber jig to set 2 cleats centrally to opening in bed joint 215mm above window head

Arch with extensions

1b) Set up arch cleats as (a) above

1c) Use a timber jig to set 2 cleats for each extension at 75mm above window head, butt each against the arch jig to ensure correct overall spacing (photo 1)

Stage 2 - Fixing Arch Stones

2a) Remove all timber jigs and set aside for reuse.

2b) Arch Stone - hook the dowels onto the 'U' cleats, tap down with hammer ensuring that the stone is fully seated and secure in the cleats, mark ends of arch on wall. Remove arch and set aside.

2c) Extensions - hook the extension stones onto the "D4U"D5 cleats, line end to marks on the wall, allow for a 6 mm perp joint between units. Mark, drill, plug and screw (using stainless steel screws supplied) the protruding retaining brackets to the wall. NB These will be hidden from view in the render panel below the arch.

2d) Arch Stone—'D1hook the arch stone in place ensuring that the stone is fully seated and secure in the cleats. Mark, drill, plug and screw (using the stainless steel screws supplied) the 2 No. protruding retaining brackets to the wall. NB These will be hidden from view in the render panel below the arch.

Note:-

There is sufficient tolerance in the design for 40 mm of lateral adjustment in the 'U' cleats. Should the cleats be set too far forward on the wall and arch hangs loose, tap the front of the cleat towards the wall. If cleats are too tight, use nail bar or similar to open the cleat.

Stage 3—'D1Final Fix

To prevent water running down the face of wall getting behind the arch stones and render causing frost damage.

3a) Face brick over/render under - gun mastic or point with mortar to top and side. Gun mastic to underside.

3b) Render all round - gun mastic all edges.



PHOTO 1 - TIMBER TEMPLATES IN PLACE



PHOTO 2 - FINAL UNIT IN PLACE