

NOTES:

Stepoc 325 will accommodate a single or double layer of reinforcement and is laid in half bond. The first course is mortar bedded to ensure it is completely level.

Please ensure all calculations are carried out using the correct values for the position of the reinforcement and in accordance with the relevant design standard.

Corner and End Details should be constructed first and any cut blocks incorporated towards the center of the walling section.

Movement joints should be incorporated at maximum 20m centers using the End Detail to finish and start the wall.

Reinforcement shown at minimum possible centers. Final design may allow for increased centers however these must still be multiples of 162.5mm.

Concrete should be to Structural Engineers specification but no less than C32/40 specification with a slump of no less than 150mm (S4) and a maximum aggregate size of 10mm. Cover to vertical reinforcement should be a minimum of 40mm

Maximum pour height is 10 courses = 2.25m


Concrete infill - 0.19m³/m²

NOTES:

The minimum radius that can be built using Standard Full Length Stepoc blocks (Z2) is 19m (internal). An alternative method is to use Half Length Blocks (Z4), which will give a minimum radius of 9.5m (internal). Tighter radii can be achieved if the blocks are opened out at the back face joint, however this will require the joint to be filled with mortar/sealant prior to pouring concrete.

When laying to standard radii, care should be taken that the nibs and jaws overlap by at least 2mm.

The rebar should be set out as instructed by the Structural Engineer, on straight runs this is normally multiples of 162.5mm, however this may increase depending on the radius of the wall.

Project 325mm Stepoc - Standard Details		 Anderton Units 1 & 2, Cosgrove Business Park Soot Hill, Anderton Northwich Cheshire CW9 6AA Tel: 0333 234 3434 www.andertonconcrete.co.uk	
Title Radius Detail			
Drawing Number ST-325-RAD		Rev B	
Drawn By TJF	Date 22.05.2019	Scale NTS	
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