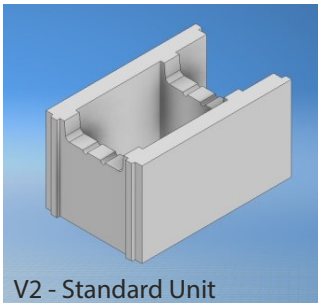
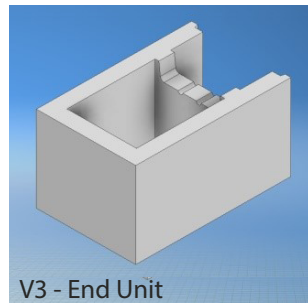


INSTALLATION GUIDE - HOW TO CONSTRUCT A STEPOC FREE END (256mm)

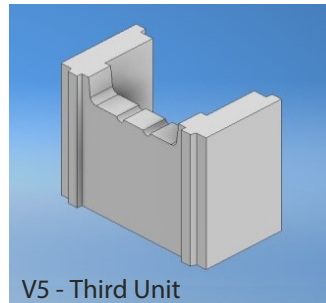
Depending on the type of construction there will be situations where a wall reaches a free end and in this case there is a specific detail to follow. This can be carried out very simply using standard components from the Stepoc range. Following this process will help to speed up the construction of the structure and help to achieve the correct bond.



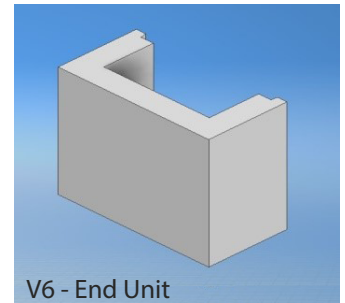
V2 - Standard Unit



V3 - End Unit



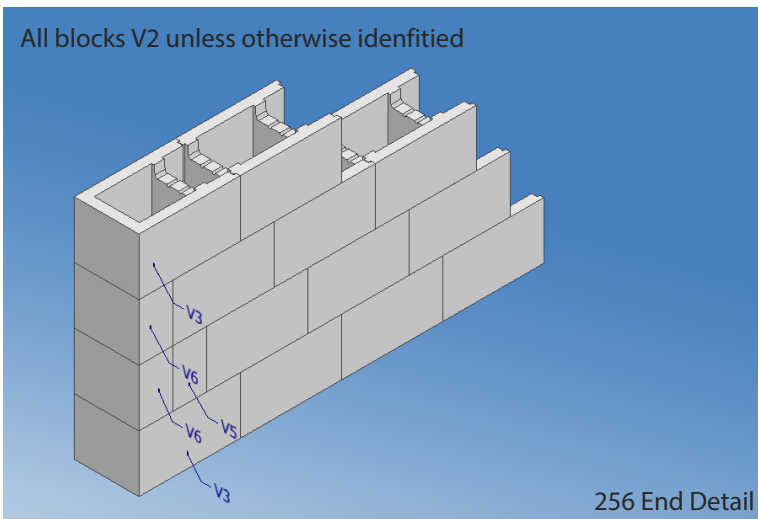
V5 - Third Unit



V6 - End Unit

It is always recommended to construct corners and ends first and build away from these points. Any cuts can then be incorporated into the middle of the wall. Ensure vertical starter bars are in the correct position and at the correct centres (multiples of 133mm).

Stepoc Corner Construction



1. Place V3 End Unit at end position and build away following configuration to achieve one third bond.
2. Place V6 End Unit on top of V3 and then place a V5 unit beside this and build away using V2's.
3. Start the 3rd course with a V6 End Unit and build away using V2's.
4. Repeat process from 1st course using V3 and building away with V2's.

Additional Information

256mm Stepoc can be constructed up to 10 courses high (2250mm) before filling with concrete. It is recommended to use some temporary propping at corners during the concreting process. Pour heights on site will be determined by particular circumstances but it is recommended that where multiple pours are used the concrete is left 75mm down from the top of the block to allow for a key with the subsequent pour.

Concrete Infill – 0.15m³/m²

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