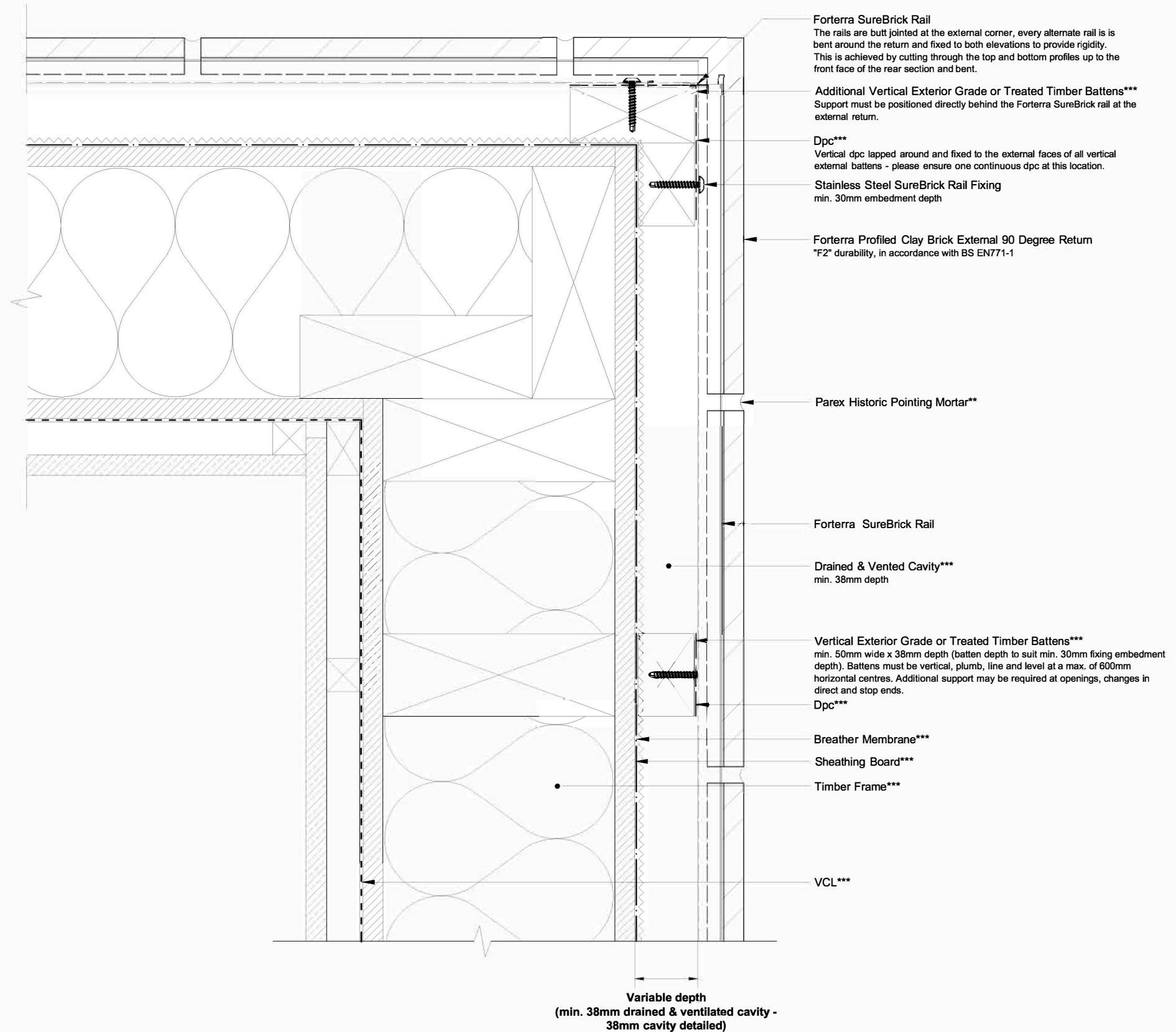


# Timber Framed Substrate 90 Degree External Return

- ~ ~ ~ ~ ~ = Indicates the primary weather line, designed and supplied by others
- \* = project specific, designed by others
- \*\* = project specific, supplied by others
- \*\*\* = project specific, designed and supplied by others

The SureBrick system is designed to transfer all of its dead loads (self weight), live loads and wind loadings back to the main substructure.



- Forterra SureBrick Rail  
The rails are butt jointed at the external corner, every alternate rail is bent around the return and fixed to both elevations to provide rigidity. This is achieved by cutting through the top and bottom profiles up to the front face of the rear section and bent.
- Additional Vertical Exterior Grade or Treated Timber Battens\*\*\*  
Support must be positioned directly behind the Forterra SureBrick rail at the external return.
- Dpc\*\*\*  
Vertical dpc lapped around and fixed to the external faces of all vertical external battens - please ensure one continuous dpc at this location.
- Stainless Steel SureBrick Rail Fixing  
min. 30mm embedment depth
- Forterra Profiled Clay Brick External 90 Degree Return  
"F2" durability, in accordance with BS EN771-1
- Parex Historic Pointing Mortar\*\*
- Forterra SureBrick Rail
- Drained & Vented Cavity\*\*\*  
min. 38mm depth
- Vertical Exterior Grade or Treated Timber Battens\*\*\*  
min. 50mm wide x 38mm depth (batten depth to suit min. 30mm fixing embedment depth). Battens must be vertical, plumb, line and level at a max. of 600mm horizontal centres. Additional support may be required at openings, changes in direct and stop ends.
- Dpc\*\*\*
- Breather Membrane\*\*\*
- Sheathing Board\*\*\*
- Timber Frame\*\*\*
- VCL\*\*\*