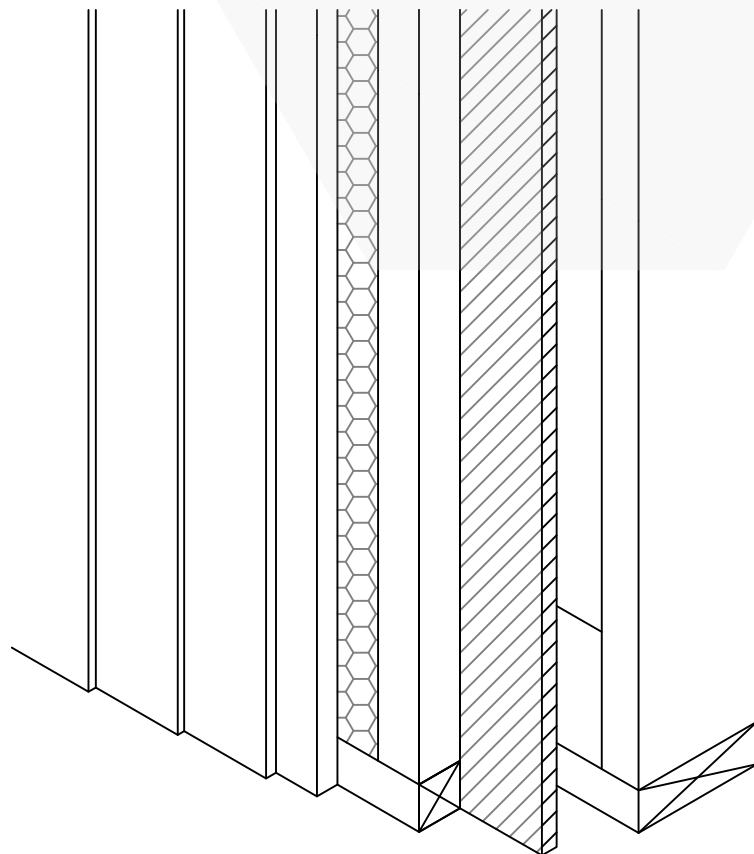


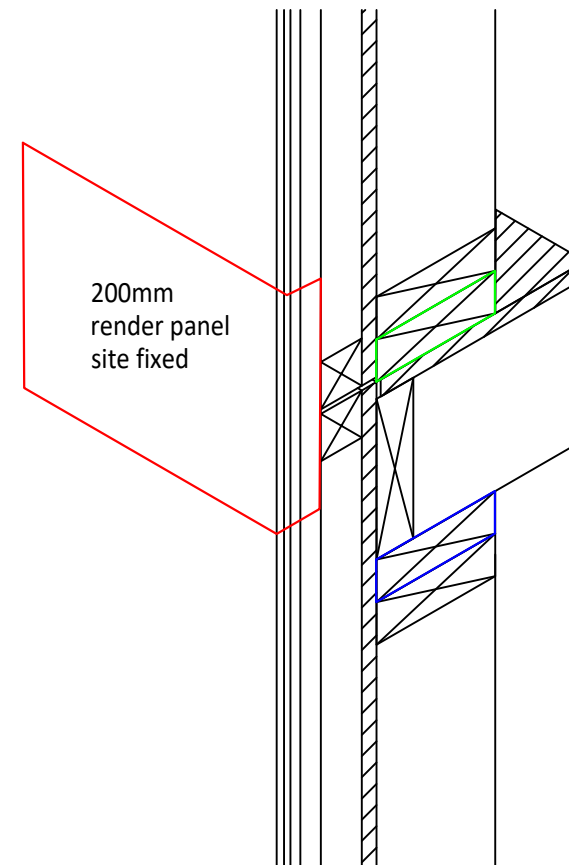
WALL TYPE: External wall render system

Thermal conductivity and thermal resistance are BS EN 12664, BS EN 12667 & BS EN 12939

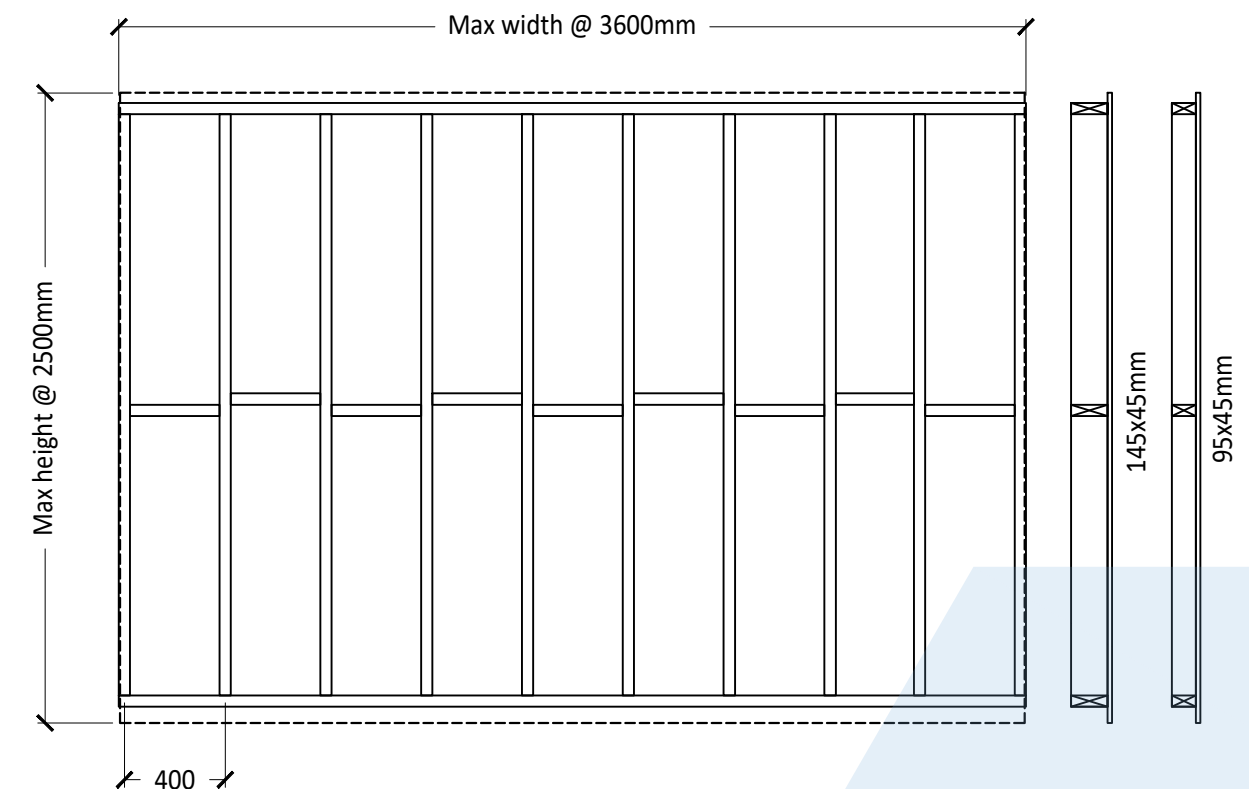
Typical external wall: 0.17 W/m²k



200mm render panel to be site fix to allow wall panel fixing



Typical manufacturing external wall panel



Typical external wall build up: 282.5mm

- 12.5mm Wallboard with 3mm skim (Service zone if required)
- Vapour control layer
- C24 grade 145x45mm Timber framework @ 400mm centers with 100mm Mineral wool loft roll insulation to cavity (0.044 W/mk)
- 18mm OSB structural board (0.13 W/mk)
- 50mm Rigid Insulation (0.021 W/mk)
- Breather membrane
- C16 50x25mm Vertical timber batten
- 12mm Render board
- 17mm K-Rend silicone system (approx. 8mm base & 9mm top coat)

Typical external wall and floor junction detail

- Red denotes: panel size to be filled in once external walls have been installed.
- Green denotes: Sole plate prefixed to floor cassette before wall installation.
- Blue denotes: Binder plate fixed to top of walls, after wall installation.