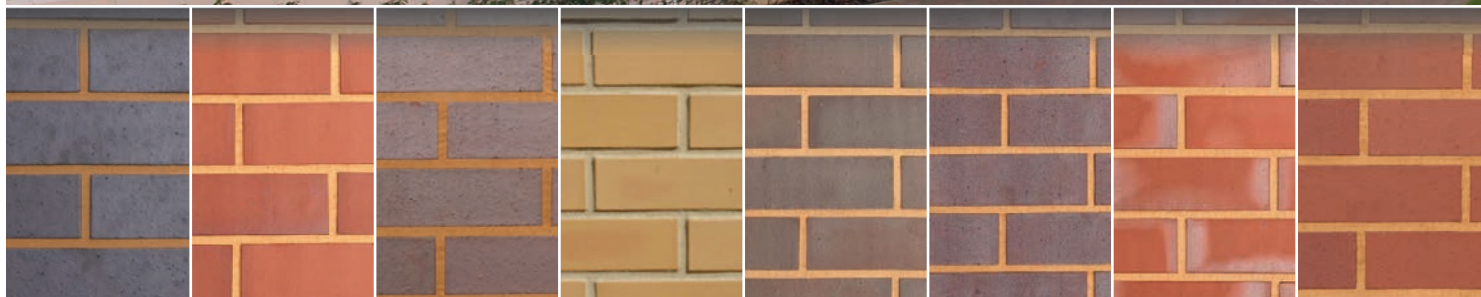


BRICK FACED INSULATED TWIN WALL SYSTEM



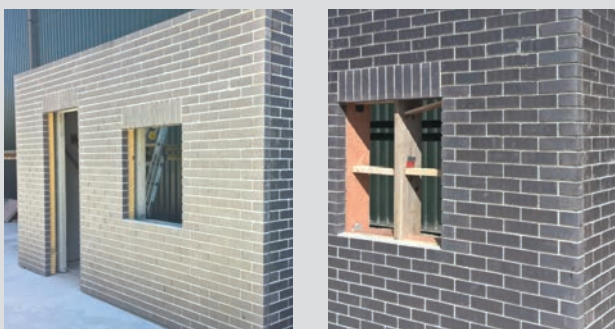
KB wall system: Next generation of composite precast wall panel - Complete external wall panel system

FEATURES

- ✓ Standard brick sizes used 215mm x 65mm
- ✓ Stretcher Bond as standard, other joint layout can be advised
- ✓ Dove tail key cast in detail on back of brick slip
- ✓ All the benefits of traditional brick construction without most of the concerns associated with it
- ✓ BSI certified to EN 13369
- ✓ CE certified product
- ✓ Time saving – fast track construction method
- ✓ Eliminates wet trade from site
- ✓ Reduced labour on site – less operatives required for erection process
- ✓ Insulated – wall panels with U Values as low as 0.1 W/m²K
- ✓ Use of ThermoMass wall ties to minimise cold bridging
- ✓ High strength reinforced concrete to EN206 used in all Twin Walls
- ✓ Reduced drying out time required – walls can be decorated immediately
- ✓ Twin walls are cured in factory conditions
- ✓ The inner face is "Paint Ready" finished

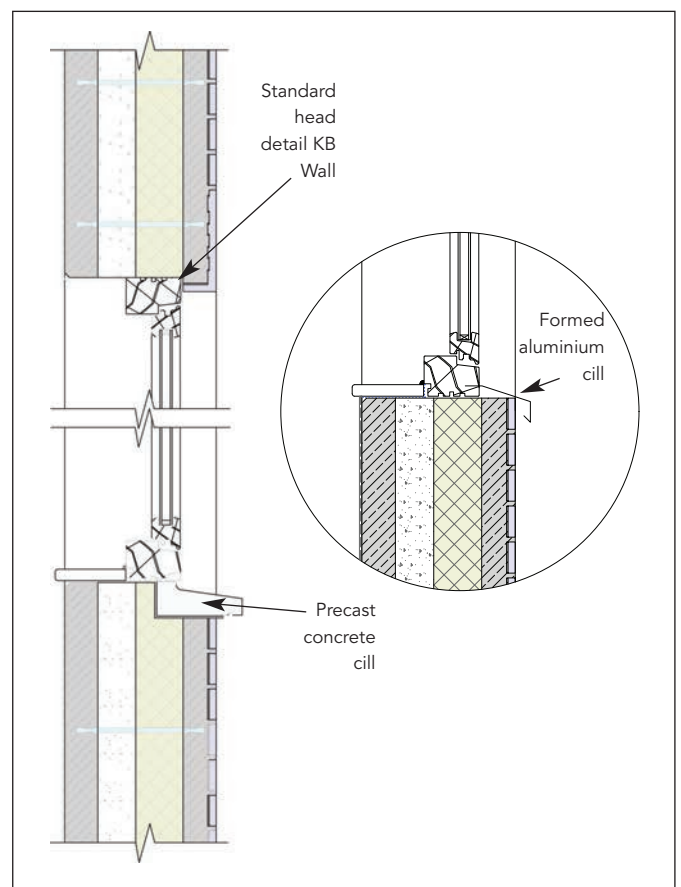


Complete Concrete Embedment Achieved with Dove-tail Key

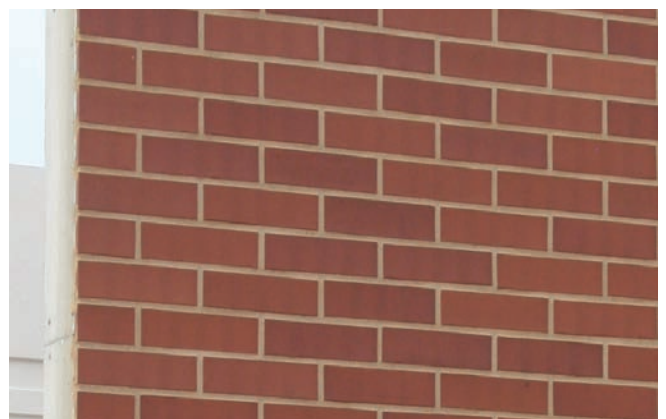


Staffordshire Blue KB Panels with Stretcher Bond

Brick Façade Insulated Precast Walling Solution, Reducing Project Programme and Cost



Cill Options and Head Reveal Details



Staffordshire Dark Multi KB Panels with Stretcher Bond

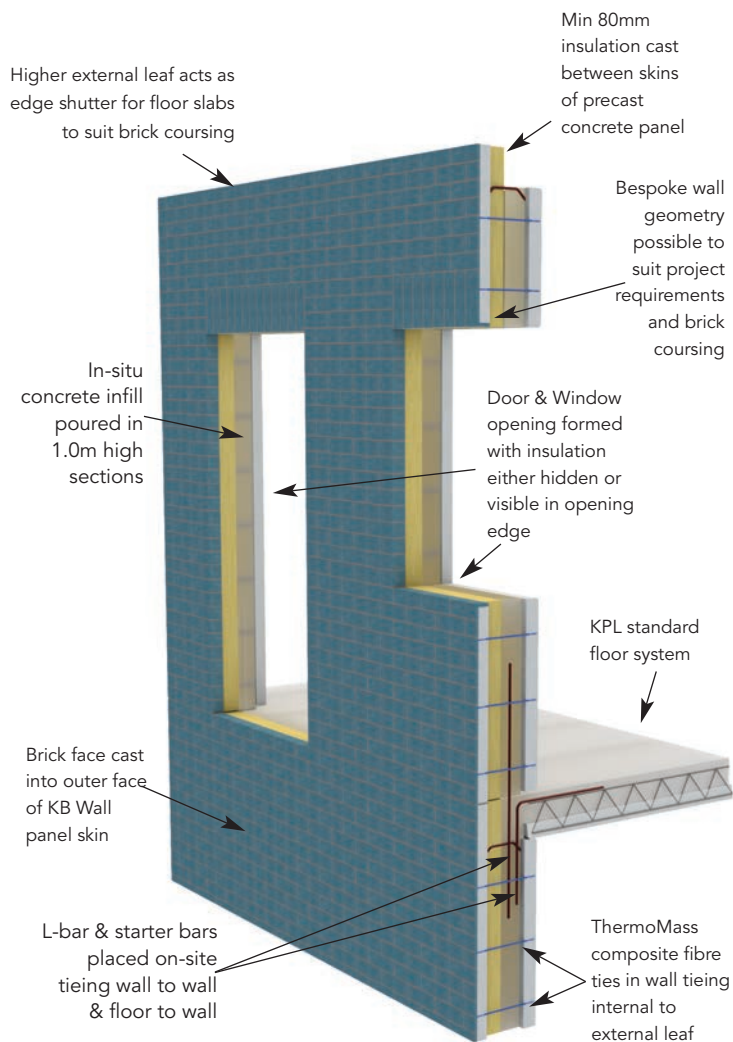
DESIGN

Our KB Wall Panels can achieve U-Values as low as 0.1 W/m²K.

KB Walls are made using the "ThermoMass" or similar composite wall panel ties under the German D.I.N. Zulassung Certification Process. Inside face is cast on a fine polished steel pan and oscillated to achieve an exemplary finish. This differs to our competitors who use power-floats which provide an inconsistent finish.

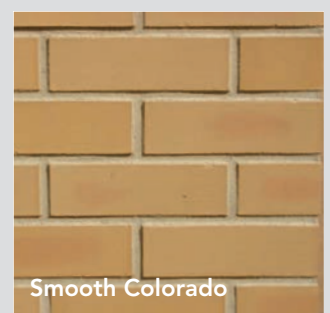
Both leaves are tied together using pultruded glass reinforced fibre rods. The wall panel is then filled with in-situ concrete on-site to provide a robust monolithic concrete structure. This system provides a combined inner leaf and infill concrete structural load bearing wall while incorporating an insulated brick façade.

The brick slips are placed directly into the standard mould the KB Wall is cast in. Layout, bonding and mix are set out at this point. The KB Wall panel is now cast exactly as normal with all quality checks and controls as would be expected from the standard KC Wall panel.



SWATCH

All colours available in a smooth finish with sanded or textured finishes available on request. All brick slips are produced with the dove tail key on reverse. Most popular range shown below but the complete range can be advised as required.





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