

8.00 External Walls

8.01 Generally

The colour, materials and texture of external walls shall reflect the proposed use and functionality of the project and shall be selected on a life-cycle cost basis taking into account the long term maintenance and operation of the wall and its finishes over twenty (20) years, as well as the initial cost of construction. Innovative design solutions are encouraged within these parameters.

The materials and texture of external walls shall be approved by GU at the preliminary sketch design stage.

It is a Mandatory requirement that all walls shall be waterproof.

8.02 Construction

External walls to buildings shall be designed with particular care and consideration given to the possible future effects of shrinkage, cracking and thermal movement.

Mortar joints to face brick and face blockwork shall be ironed to a half round radius.

Façade staining shall be avoided by careful design and detailing to shed water clear of the building, clear of lower projections and clear of pathways. Parapet cappings and window framing shall be designed to ensure facade staining is avoided.

8.03 In-situ Finishes

If untreated exposed concrete is proposed and approved by CLF, the surface finish shall be a minimum Class 2 'off-form' finish to comply with the requirements AS 3160 – 2010, with colour control in accordance with Clause 3.4. The tender and construction documentation shall clearly specify the requirements for surface finish in accordance with Table 3.3.1, and test panels shall be provided in accordance with Clause 3.5. The acceptable tonal range of the concrete surface shall not exceed five (5) tones.

Where the concrete finish and colour control does not meet the satisfaction of the Superintendent, such surfaces shall be rendered or receive another acceptable applied finish.

Any exposed concrete edges shall be treated to ensure compatibility with the predominant finish to the external wall surfaces.

Standard grey concrete masonry is not acceptable as a permanent external finish, however coloured concrete masonry may be used subject to the approval of the Deputy Director (PD&C) CLF. Split-face masonry blocks **shall not** be used.

8.04 Applied Finishes

Applied finish on external walls shall be a three coat roller applied membrane coating system

