

masonryplast[®]

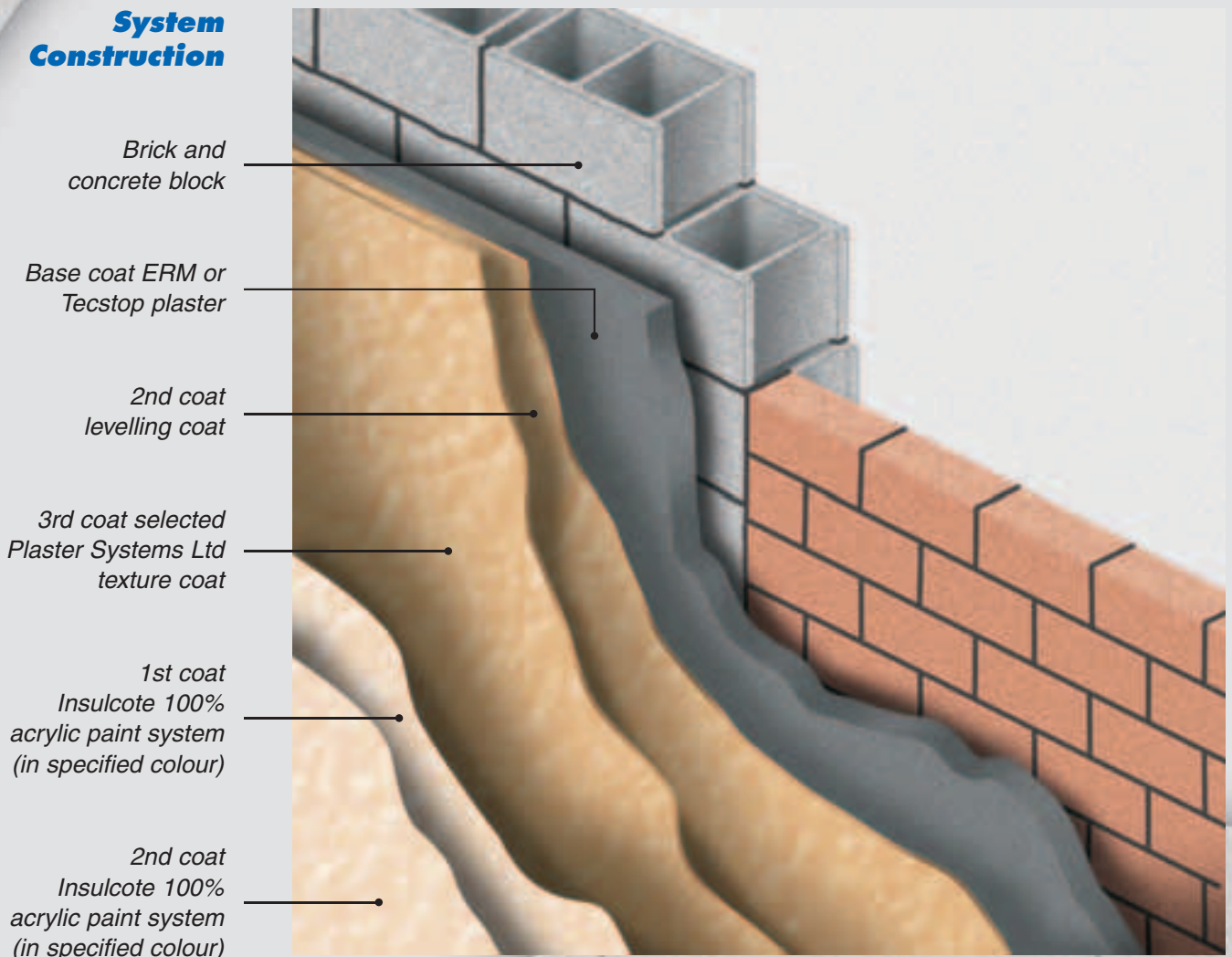
Specification

*Brick and block masonry
plaster texture system*

Product Guarantee Period 7 years from date of practical completion

Workmanship Guarantee Period 5 years from date of practical completion

System Construction



What is Masonryplast?

Masonryplast is a masonry render system for smoothing and texturing Brick or concrete block to give a monolithic plastered appearance. The system provides a hard durable surface which when painted is weatherproof and easier to maintain than a standard painted wall. This system is a coating and the concrete block or brick forms the structural element of the wall.

Advantages

- Straight clean lines are formed which give a monolithic appearance.
- Easy to keep clean and weatherproof using paint.
- A wide range of textures can be achieved.
- Solid construction underneath.
- Reduced incidence of cracking when using Mesh reinforcement (*exception being extreme movement of the substrate*).
- Ideal for providing monolithic look to existing older brick or block buildings.

Application

Substrate

Bricks – can be new laid bricks of any type suitable for receiving plaster or older bricks glazed or unglazed in need of a modern finish.
Concrete block – can be new or existing needing a modern texture finish and usually flush laid.

Preparation

All substrates should be clean dry and free from dust laitance moss or mould. Surfaces that are deemed unsuitable can be cleaned by scrubbing with broom and water or water blasted then treated with proprietary moss and mould killers. Previously painted masonry substrates can be coated provided the paint is in good condition and well adhered (at applicators discretion and risk). The surface should be cleaned then treated with a slurry coat of Multiplast resin and Tecstop plaster to provide adhesion and a gritty surface suitable for accepting plaster.

Where brick or block joints have been raked or where bricks or blocks are either poorly laid or rough in contour then more plaster may be required and sometimes an extra flanking coat in extreme cases.

Flushing

Tecstop or ERM plaster are mixed according to instruction and applied tightly in a thin application to ensure plaster is forced into the surface and then brought out to a flat finish with extra product wet on wet using either darby, screed or long steel trowel. The following day when this has cured a tight coat of the same product is applied to the final smooth flat finish to give a flanking coat total thickness of 5mm approximately (thickness may vary according to roughness of original substrate).

Texturing

The desired texture from the Plaster systems range can now be applied. Options are Ezytex, Adobeplast and Formstone which are painted over with two coats of Insulcote paint.

Painting

Paint in accordance with the chosen texture specification. Insulcote paint is recommended. New block walls can hold large volumes of water so it is recommended that the wall be protected from rain until painted.

Meshing

150 gsm coated Insulclad mesh can be used in the first coat ERM plaster and this proves flatter walls with less chance of cracking or block lines showing. It is however not a total guarantee against cracking as a block wall that step cracks creates forces which standard mesh's are unable to cope with.

Accessories

PVC corner beads plain or premeshed can be used to form straight corners by pushing them into wet plaster with a straight edge. Brick Vents are used to provide ventilation into the brick cavity (note brick veneer walls are designed to have ventilation these must not be blocked with plaster).

Special Notes

Plastering and painting provides a water proof system however it will not stop water leaving from the inside of the wall. Retaining walls or backfilled walls will need to be sealed behind and adequate drainage supplied or the water pressure behind will cause plaster and or paint to blister, delaminate or for lime salts to form, plastering cannot halt that process).

This system will provide weatherproofing to the wall surfaces when properly painted however it is the responsibility of the designer and builder to provide and install adequate detailing for penetrations and tops.

Tecstop followed by Ezytex cement based texture, Adobeplast cement based Texture or Formstone Acrylic Texture conform to requirements of the building code B2/AS1 Table 1, Paragraph 1:3:1. This is for a five year durability when easy to access and replace. This is provided they are over coated with 2 coats minimum with a Paint which conforms to any of parts 7,8,9 or 10 of AS 3730 which Insulcote paint does and is the preferred option.

Movement control joints must not be plastered over as they will crack the sealant line should be brought out flush with the finished texture level.