

Thermexx M14 Base/Finishing Plaster and Thin Layer Screed

Purpose And Areas Of Use:

An exterior/interior base and finishing plaster made from mixing **Thermexx Binder** and **Premix M14**, that forms part of the **Thermexx Plaster System**.

When used as a finishing plaster and sponged, it provides a "solid plaster" appearance.

It offers excellent adhesion when used as a thin plaster screed or to form falls from 3mm up to 7mm. In all cases Equus specifications for intended use, must be followed.

Product:

A modified, acrylic polymer reinforced silica sand/cement plaster, specifically designed to provide easy working characteristics. Supplied as two components with **Thermexx Binder** liquid and 25kg bags of **Premix M14** to be used in conjunction with **Thermexx Heavy Mesh**, **Thermexx Soft Mesh**, **Thermexx Pre-Meshed Corner Angles**, **Thermexx Rolleck** and appropriate flashings as detailed in Equus Detail Drawings.

Compatibility:

Thermexx M14 Plaster is compatible with a wide range of Equus produced fillers, primers, bodycoats and topcoats to provide client tailored, or alternatively, standard specification coating or waterproofing finishes.

Standard Packs:

15 litre plastic containers (**Thermexx Binder**)

25kg bags (**Premix M14**)

Physical Properties:

Formulated Thermexx M14 Plaster (typical)

Tensile Strength:	4.2 MPa	(1.6 MPa)
Compressive Strength:	39 MPa	(16.4 MPa)
Flexural Strength:	11.9 MPa	(4.2 MPa)
Impact Strength:	1.8 MPa	(0.7 Kgm)

Note: Figures in brackets relate to typical unmodified cement plaster.

Surface Preparation:

Expanded or Extruded Polystyrene:

Sand the surface to slightly roughen and remove any surface residues caused by UV exposure degradation.

Old Concrete/plaster

Screeding - Caustic wash floor surfaces to remove all contamination and expose sound, clean concrete. If necessary scabble or flame clean the surface.

New Cementitious Surfaces:

Screeding - Broom grade cementitious surface is recommended or shot blast treatment may be required.

Note: Surface should be clean and water free before plaster application. Dampness can be tolerated without ill effect.

Application Method:

Plaster Mix is:

Thermexx Binder 5 litres

Premix M14 25 kg Roller

Water - Add as necessary and mix thoroughly. Do not add too much water initially as water will be released after approximately 5 minutes when the mix should be beaten, and water added if necessary, before applying.

Application Properties:

Dry Time:

The plaster will through harden a little slower than conventional plaster during the first few hours. Within 6 hours of application dry and cure times become similar but strength gain of the **Thermexx Plaster** is greater in all areas.

Health And Safety:

Thermexx M14 Plaster is non-flammable and non toxic and thus safe to handle. All normal precautions for the handling of cementitious materials must be observed.

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