Product Data Sheet – Structherm High Polymer Render Basecoat (HP14)

Structherm HP14 is a cement based, polymer modified basecoat. Normally applied in 1 coat as a backing coat for Structherm finishes or as a troweled finish for other coatings.

Structherm HP14 Base can also be used as an insulation bedding adhesive as part of a fixing system (with appropriate fixings) for polystyrene insulation boards onto masonry substrates.

Structherm HP14 Base requires only the addition of water and 5 minutes mixing time. Incorporation of Alkali Resistant Reinforcing mesh may be required. Structherm HP14 Base is normally applied manually but can also be spray applied.

Structherm HP14 Base uses "High Polymer" technology for a cost effective enhanced performance onto a wide variety of substrates. For use on unusual substrates always seek technical advice. It is designed as the ideal background for thin coat synthetic resin plasters such as Struc-Sil Silicone Top Coat.

COVERAGE
1.8kg/ mm thick/ sqm

REQUIRE
8-11kg/sq m approx.
nominal 4-6mm thickness

KITEMARK CLASSIFICATIONS ™
Compressive strength: CS IV
Capillary Water Absorption Category: W2
Thermal Conductivity: P=50% - 0.46

SUPPORT BACKINGS
Structherm HP14 can be used over block work masonry or stone backgrounds.
For Insulation, concrete, refurbishment work or any other unusual substrate seek technical advice

APPLICATION
- o Mix for at least 5 minutes to break down additives
- o Add 5-6 Litres of clean water per 25kg sack
- o Apply by hawk and trowel or by machine
- o Bed in mesh if required
- o If the next coat is to be a Structherm render finish, form a light key by scratching as per good render practice.
- o Alternatively float to a flat finish

As Bedding Insulation Adhesive
- o Apply by a hawk and trowel to insulation board in a continuous line around the perimeter and additional dabs in the centre; at least 50% of the board should be covered.
- o Alternatively apply with a notched trowel over the entire face of the board.
- o Press the boards firmly onto the masonry substrate.