

ThermoSilicone

THIN COAT RENDER



ThermoSilicone is a silicone based render top-coat that has been enhanced with ceramic microspheres which reduce the thermal conductivity of the surface and provide enhanced durability and UV resistance whilst remaining highly vapour-permeable (breathable). It has been formulated to provide the perfect decorative finish for our *ProofTherm*[™] insulating render and can also be used over any regular render base coat.

Silicone renders provide the highest level of protection against cracking as they are both flexible and impact resistant. They also offer the best weather performance as they are naturally hydrophobic and resist the growth of algae which

means they require the minimum of maintenance in order to stay looking fresh for years.

ThermoSilicone top-coat render is produced with medium-fine grain of 1.7mm which makes it ideal for the majority of finishes.



FLEXIBLE



CRACK RESISTANT



CERAMIC INSULATION



HYDROPHOBIC



VAPOUR PERMEABLE



WEATHERPROOF



THROUGH-COLOURED

8-10m²

8-10m² per tub

Directions for use

ThermoSilicone
THIN COAT RENDER

Preparation

All surfaces should be dry, sound, free of dust and any material that could reduce adhesion. Any water penetration or damage/faults in the structure must be dealt with before application to avoid system failure. The area around the application should be protected from over-runs which could stain porous materials. Masking tape should be used for this and the areas below the application should be protected with sheets.

Important Considerations

Do not apply in temperatures below 5C or above 26C, humidity of 85%+, in rain or if rain is forecast for the 24 hour period after installation, if frost is forecast, in strong, direct sunlight or if the substrate has become particularly hot (26c+). Scaffolding must be far away enough to allow continuous application to the whole area. Fresh base coats must be fully dry/cured prior to application.

Primer

ProofShield Bonding Primer (SP-22F) applied with brush or roller and allowed to dry for 24 hours.

Mixing

ThermoSilicone is ready to use. A small amount of water (max 50ml per tub) can be added in warmer weather to achieve desired consistency. Where possible, mix multiple tubs into one larger container and mix together with a slow paddle mixer in order to get the best colour consistency across each elevation.

Application

Apply to the thickness of the maximum grain size of the render using a stainless steel float. Ensure that individual panels/sections are completed from the same batch and at the same time to avoid inconsistencies in colour/texture. Float finish with a plastic float rubbed in a circular motion to create desired finish. Protect the rendered area from rain and strong, direct sunlight for 24 hours during drying time.

Coverage:

Approx 8-10m² per 25kg tub

Maintenance

Can be washed with mild detergent and warm water to remove staining. Avoid direct power-washing with high-pressure equipment.

Health and Safety

Do not ingest, wear suitable PPE and avoid contact with skin and eyes. Wash with clean water in case of contact and seek medical advice.



ProofShield Limited

Energy Works
Gas Road, Sittingbourne
Kent ME10 2QB
United Kingdom

Tel: +44 (0)1622 535009
Email: hello@proofshield.co.uk