



Declaration Of Performance

ProofTherm Insulating Render and Plaster

- 1. Unique Identification:** ProofTherm Insulating Render (External)
- 2. Type:** External Wall
- 3. Intended Use:** General purpose insulating render for use on external walls
- 4. Manufacturer:** Polikrom Yapi Endustri, Dolovasi Organize Sanayi Bolgesi, 3. Kisim, D-3004 Sokak, No.28, Gebze, Kocaeli, Turkey
- 5. Authorised Representative:** ProofTherm Ltd. 4 Priory Park, Mills Road, Aylesford, Kent ME20 7PP United Kingdom
- 6. Harmonised EU Standard Applicable:** EN 998-1:2010
- 7. Performance Figures**

Essential Characteristics	Performance	Method of Test
Thermal conductivity λ_{10dry} (W/m.K)	T1 (0.072 W/m ² K)	EN 1745:2012 EN 12664:2009
Reaction to fire	A1	EN ISO 1182, ISO 1716
Adhesion (N/mm ² and fracture pattern (FP) A,B or C	FP:B (0.1 N/mm ²)	EN 1015 - 12:2000
Compressive strength	CSI (0.4 N/mm ²)	EN 1015 - 11:2000/A1:2007
Capillary water absorption	W1 (0.3 kg/m ² .min ^{0.5})	EN 1015 - 18:2014
Water vapour permeability (μ)	6.27 μ	EN 1015 - 19:2000/A1:2006
Dry bulk density (kg/m ³)	280 kg/m ³ \pm 10%	EN 1015 - 10:2001/A1:2007
Sound insulation db	23db/22 db/(3cm/500hz)	EN ISO 10140-2

Colour / appearance	White granule (3mm max)
Yield	2.2m ² /15kg @ 20mm
Drying time	5 hours (at 23°C, 50% relative humidity)
Full drying time	36 hours (at 23°C, 50% relative humidity)
Drying time for testing	28 days at (23°C, 50% relative humidity)
Application temperature	To be applied at +5 /+35°C
Application duration (pot life)	4 hours (at 23°C, 50% relative humidity)
Applicable depth	Minimum 10mm, maximum 100mm

We declare that this product is manufactured to perform to the standards listed above and has been independently tested for this purpose.

On behalf of ProofShield Ltd:

Resit Cakmak – Chief Technical Officer