



## Declaration Of Performance

### ProofTherm Lightweight Insulating Screed

- 1. Unique Identification:** ProofTherm Screed
- 2. Type:** Screed
- 3. Intended Use:** Insulating screed for use below a wearing surface
- 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:** NA
- 7. Performance Figures**

|  |   |  |
|--|---|--|
| Thermal Conductivity, $\lambda_{10dry}(W/m2K)$             | T1 ( 0.1 W/m2 K)  | EN 1745, Chart A1/ EN 1745, Item 4.2.2 |
| Reaction To Fire   | A1  | EN 13501 - 1                           |
| Adhesion(N/mm <sup>2</sup> ) and fracture pattern A,B or C | FP: B 1.2 N/mm <sup>2</sup>   | EN 1015 - 12                           |
| Compressive Strength                                       | CS II (3.5 Nmm)   | EN 1015 - 11 <sup>a</sup>              |
| Capillary Water Absorption                                 | W1(c $\leq$ 0,4 kg/ m <sup>2</sup> .min. <sup>95</sup> )                      | EN 1015 - 18                           |
| Water vapour permeability ( $\mu$ )                        | $\leq$ 15 ( 5.5 $\mu$ )   | EN 1015 -19 a,b                        |
| Dry bulk density (kg/m <sup>3</sup> )                      | 500 kg/m <sup>3</sup> $\pm$ 10%   | EN 1015 - 10                           |
| Sound insulation dB  | 23db/ 22db/ (3cm/500hz)   | EN ISO 10140-2                         |
| Joule test   | I 2 (Damaged at 2 joule level)  | EN 13497                               |
| Colour/ appearance   | Grey /granule   |  |
| Packaging  | 20 kg - 40lt $\pm$ 2% bagged dry product                                      |  |
| Pallet packing   | 55 pieces / pallet / 11 rows stacking/ 110 Kg                                 |  |
| Coverage   | Approx 5.5 kg per m <sup>2</sup> @10mm depth. 1 bag=3.63m <sup>2</sup> @ 10mm |  |
| Drying time  | 8 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                                    | +5 - +35°C  |  |
| Application Duration (Pot Life )                           | 4 Hours (at 23°C, 50% Relative Humidity)                                      |  |
| Applicable Thickness                                       | Minimum 20mm, 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**

A handwritten signature in black ink, appearing to read 'R. Cakmak', with a horizontal line underneath it.