

ThermoPor, Thermal insulating plaster/render

Technical Datasheet – Version 3.1



ThermoPor is an innovative new high performance ready to mix thermal insulating plaster/render product for both internal & external use. Manufactured from 98% sustainable naturally occurring inorganic materials with expanded recycled glass, ThermoPor is non-toxic, harmless, and safe. This multi-characteristic insulation product is incredibly light-weight and easy to apply to a wide variety of surfaces which will help to reduce overall material and labour costs while improving thermal efficiency and lowering fuel costs.

www.chroda-eco.co.uk/thermopor.php



| Product Features | Values |
|----------------------------|--|
| Bag Weight | 8 Kg |
| Appearance and consistency | Dry white powder (98% natural sustainable inorganic materials) |
| Spread rate | 1m ² @ 20mm |
| Thermal conductivity | 0.054 W/mK |
| Fire Resistance | Class A1 (500°C with a melting point of 1100°C) |
| Sound Absorption | 23dB @ 20mm |
| Density of dry material | 334 kg/m ³ ± 10% |
| Compressive strength | CS II (1.84 N/mm ²) |
| Bond strength | 0.461 N/mm ² (Way of Breaking FP:B) |
| Water absorption | (W1) 0.204 kg/m ² min. 0.5 |
| Vapour diffusion | μ = 4.84 |
| Time until painting | 40 hours in normal conditions |
| Working time | 2 hours |
| Storage temperature | Above 5°C. Do not apply in temperatures below 5°C |
| Shelf life | 18 Months |

ThermoPor is manufactured by SAY ThermoPlast according to TS EN 998-1.

CHRODA Eco Ltd is the sole distributor for the UK and Ireland for all products manufactured by SAY ThermoPlast.



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