



CASEA Casufloor C25/F5

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Detailed description

Casufloor C25/F5 Alpha Hemihydrate Screed is a factory produced, pumpable, high-quality screed material based on calcium sulfate. It is supplied to site in pre-mixed bags or site silos. Casufloor C25/F5 is designed for application at thicknesses of between 20 and 90 mm. Casufloor C25/F5 Alpha Hemihydrate Screed complies with EN 13813: 2002 and is CE marked.

Benefits:

- Smooth laitance free finish.
- Pumpable.
- Under floor heating – full encapsulation.
- Suitable for underlayment in wet areas.
- Reduced drying times.
- CE marked.
- EN 13813: 2002.

Applications:

CASEA Casufloor C25/F5 Alpha Hemihydrate Screed is suitable for floors in homes, offices, public buildings and places exposed to similar loads. It may be applied as a levelling screed directly onto a load bearing floor, unbonded on a separating barrier (polythene) or as a floating floor and is particularly suited in conjunction with underfloor heating or cavity floors. It should be covered with a floor finish such as tiles, linoleum, parquet, cork or carpet. If a cement based adhesive or smoothing compound is required, the surface of the screed must first be sealed, using an appropriate acrylic primer/ sealer.

Product guidance - As Standard

Technical characteristics (to EN 13813: 2002):

- Maximum thickness: 90 mm.
- Minimum thickness: Bonded, 20 mm. Unbonded, 30 mm. Domestic, 35 mm. Commercial, 40 mm. Over underfloor heating pipes: 25 mm (BS 8204-7).
- Use: Internal.
- Compressive strength (28 days): C25.
- Flexural strength (28 days): F5.
- Tensile adhesion: > 1.5 N/mm².
- Shrinkage (28 days): < 0.1%.
- Hardening time (before foot traffic): 8–12 hours.
- Recommend water content: 15–18%.
- Reaction to fire: A1 non-combustible.



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- Thermal conductivity: 1.6 W/mK.
- Modulus Of Elasticity: Approx. 18 kN/mm².
- Delivery: Approx 550 l/t, approx 12.5 m² @ 40 mm, approx 22 l liquid screed per 40kg bag.
- Water Demand: 7-8 l per 40 kg bag.
- Consumption: Approx. 18 kg/m² each 1 cm.

Product specification

Manufacturer

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