

TECHNICAL DATA SHEET

Gallaflo is a range of flowing screeds formulated by Cemfloor, that include a specially formulated additive that is used to create self levelling cementitious floor screeds. With the addition of Cemfloor the screed's performance is increased significantly and can be applied to a wide range of floors. Cemfloor additive is simply mixed with cement, water and a suitable sand to create a high performance screed which complies with EN 13813.

Key Features and Benefits

- Thinner sections compared to traditional screeds
- Self compacting – no voids around underfloor heating pipes
- Exceptional thermal conductivity (up to 2.9W/m.k)*
- Minimal drying shrinkage (<0.05%)
- Larger floor area without joints (up to 150m²)
- Easy Installation (reduces time & costs)
- No risk of contamination at concrete mixing plants
- Reduced drying times (depending on drying conditions)
- Foot traffic after 24–48 hours
- No surface laitance (dust) after curing
- Can be applied in wet areas

* According to Avis Technique CSTB No.EMI 14-26051749

Substrate

Gallaflo is designed for use as a bonded thick levelling screed on concrete, as a floating screed over thermal or acoustic insulation, or as an unbonded screed on top of a plastic membrane.

Storage

Store in a dry designated area. Material is available in bulk, 1000kg & 25kg bags.

Safety

This product may cause skin irritation. Use goggles, gloves and protecting cream. Avoid prolonged contact with skin. Avoid inhaling the dust. Wash affected area with warm water and soap. Wash eyes thoroughly and consult a physician. Do not ingest.

Mix Design

Trials should always be carried out to optimise the mix design before work commences. The sand used should be of an approved quality and grading. The screed is a blend of Cemfloor formulated additive, cement, sand & water. The mix proportions depend on the sand available.

Applications

Gallaflo flowing screeds should be used in accordance with BS 8204-7:2003 'Code of Practice for Pumpable Self-Smoothing Screeds'. To ensure a high quality screed it is recommended that application is carried out by a specialist screeding contractor who has been approved to place Gallaflo. The freshly poured screed will need to be levelled using a dappling bar, ensuring to dapple the surface in two passes at 90°.

Curing

After placing, the floor should not be subjected to severe draughts, direct sunlight or heating for the first 24-48 hours. The room in which the screed has been placed should therefore be sealed during this time. The room should be ventilated after 24-48 hours by opening windows and doors during the day to aid the drying process.

Floor Coverings

Gallaflo flowing screeds are compatible with all floor coverings, and all cementitious adhesives including fast track systems. The screeds moisture content should be measured before placing floor coverings to ensure that it is adequately dried. Gallaflo will not require any sanding to remove laitance, but it is recommended to lightly abrade the surface to clean and remove any building residue and to improve the adhesion of the flooring adhesive to the hardened screed. It does not need to be primed or sealed before applying cementitious adhesives.

Technical Information

Gallaflo is produced in an ISO 9001 quality-controlled environment. Self levelling screeds produced with Cemfloor meet the requirements of EN 13813:2002 'Screed Material for Floor Screeds'.

Screed Specification	EN 13813:2002
Compressive Strength	C20, C25, C30
Flexural Strength	F4, F5, F6
Minimum Thickness	Bonded: 25mm Unbonded: 30mm Floating: Domestic: 35mm Commercial: 40mm Over underfloor heating pipes: 25mm above pipes
Shrinkage (28 days)	<0.05%
Flow Rate	230-260 mm
Fresh Density	2100-2200 kg/m ³
*Thermal Conductivity	Up to 2.9W/mK
BRE Impact Test	Category A
Open to Light Foot Traffic	24-48 Hours

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