

Description

THERMOPLANE flowing screed is a blend of synthetic Calcium Sulphate binder, special additives and selected aggregates mixed with clean potable water to produce a pumpable self smoothing, flowing screed (manufactured to BSEN 13813:2002).

Uses

THERMOPLANE SCREED is designed to provide a smooth level surface in both commercial and domestic buildings prior to the application of floor finishes. It can be used bonded, unbonded or floating. It is particularly suitable for use with under floor heating.

For advice on specifications and for proprietary systems contact your Lafarge representative.

Key Features

- Increased productivity - 2000m²/day can be easily achieved
- Self compacting
- Self curing
- Can be walked on in 24-48 hours
- Can be loaded after 7 days
- Extremely low shrinkage – does not curl and minimises the risk of cracking
- Avoids the need for reinforcement
- Significantly reduced thickness when compared to traditional sand – cement screed
- Large bay sizes of up to 1000m² depending on application (heated floors 300m²)
- Ideal for use with under floor heating
- Can be force dried as early as 7 days after application
- Weight saving as a result of thinner section
- Dries at a rate of 1mm per day up to a screed depth of 40mm in good drying conditions
- Easily achieves SR2 finish as described in BS8204
- Protein free – cannot harbour harmful bacteria
- Non combustible (tested to BS476 Part 4)
- Minimal thermal expansion (0.012mm/mK)
- Excellent thermal conductivity
- Environmentally friendly

THERMOPLANE

Technical Data

Appearance/Colour:	Off-white fluid mortar
Water demand:	13-18 % b.w
pH:	> 10
Wet Density:	2200 kg/m ³
Dry Density:	2000 kg/m ³

Typical Screed Properties:

Compressive Strength:	CA25 N/mm ²
Flexural Strength:	F4 N/mm ²

Minimum Application Thickness

Underfloor Heating: 25mm minimum
(30mm nominal) cover to pipes

Weight loadings

42mm Gyvlon Thermoplane - Wet 92.4Kg/m ² - Dry 84Kg/m ²
46mm Gyvlon Thermoplane - Wet 101.2Kg/m ² - Dry 92Kg/m ²

Delivery

THERMOPLANE SCREED is supplied via a concrete plant in truck mixers or transmix trucks or as a bagged material.

Health & Safety

Some of the components of this product may be hazardous during mixing and application.

Please consult the relevant Health & Safety Data Sheets, available on request and provided with each deliver

