

# Southern Screed

## WHAT'S SPECIAL ABOUT FLOWCEM THERM



### TECHNICAL INFORMATION

**FLOWCEM THERM** is manufactured in a state-of-the-art facility that adheres to rigorous ISO 9001 quality control standards.

Compressive Strength	C20, C25, C30
Flexural Strength	F4, F5, F6
Minimum Thickness	Bonded: 20mm Unbonded: 30mm Floating: Domestic: 35mm Commercial: 40mm Over underflow heating pipes: 25mm above pipes
Shrinkage (28 days)	<0.05%
Flow Rate	230-260mm
Fresh Density	2100-2200kg/metric cube
Surface Flatness	Min SR2
ISCR Test	Category A
Open to Light Foot Traffic	24-48 Hours
Maximum Bay Sizes	Non-Heated Floors: 150 metric square Heated Floors: 100 metric square



## FLOWCEM THERM DATASHEET

### DESCRIPTION

**FLOWCEM THERM** is a high-quality self-leveling cementitious floor screed, specially formulated to provide excellent thermal conductivity. It can be applied to a wide range of floors, making it suitable for a variety of applications. The mixture is made up of **FLOWCEM** floor binder, cement, water, and a suitable sand. Additionally, **FLOWCEM THERM** meets the requirements of EN 13813 and is a high-performance screed, providing an ideal solution for both commercial and residential settings.

### APPLICATION

For the best results, it's important to follow the manufacturers installation guidelines. You can be rest assured that our professional team holds the exceptional skills in order to carry out the work to the highest standard. Our team will ensure you are provided with the appropriate aftercare guidelines and are on hand every step of the way to answer any queries you may have about the product and service we are providing you.

### CURING

Once the floor has been placed, it's important to avoid exposing it to severe draughts, direct sunlight, or heating for the first 24-48 hours. To ensure that the screed sets properly, the room should be sealed during this time. This will help to maintain a consistent temperature and humidity level that's necessary for the screed to dry and cure.

After the initial 24-48 hours have passed, it's recommended to ventilate the room by opening windows and doors during the day. This will aid in the drying process by allowing any excess moisture to escape. It's important to continue this process until the screed is fully cured and ready for use.

### FLOOR COVERINGS

**FLOWCEM THERM** screed is highly versatile and can be used with all types of floor coverings, including cementitious adhesives and fast track systems. However, before installing floor coverings, it is essential to measure the moisture content of the screed to ensure that it has dried adequately. Unlike other screeds, **FLOWCEM THERM** does not require sanding to remove laitance. Nevertheless, we recommend lightly abrading the surface of the screed to clean it and remove any building residue. This ensures that the surface is well-prepared to receive subsequent floor coverings and promotes excellent adhesion.

At SOUTHERN SCREED, we understand the importance of using the right materials and techniques for your flooring needs. That's why we offer top-quality screeds that meet the highest standards for performance and durability. Contact us today to learn more about our products and how we can help you achieve a flawless finish for your flooring project.



t: 01483 662244

e: sales@southernscreed .uk

w: www.southernscreed.uk