



SUPAFLO®



**SELF COMPACTING
SELF LEVELLING
FLOWING SCREED**

Introduction

Supaflo screeds have been developed over many years in response to the need of the UK domestic and light commercial flooring market. During this time Supaflo has been installed on thousands of projects providing millions of square metres of flooring. All of the products within the Supaflo range are designed to provide a suitable surface onto which a final floor finish can be applied.



SUPAFLO®

Is the original flowing, self smoothing Calcium Sulfate based levelling screed. It has been widely available through our network of manufacturing units for approaching two decades.

Calcium Sulfate based flowing screed can provide significant benefits over traditional 'semi dry' site mixed screeds for the following reasons:- *scale of application, ease of placement, excellence of surface finish, attainable accuracy of level and the virtual elimination of cracking and curling.*

- Speed of application, up to 2000m² can be installed by 3 to 4 operatives in 1 day. A typical day would see 500 to 750m² laid compared to a maximum 200m² of traditional screed.
- Rapid early strength gain allows early trafficking, typically within 24 to 48 hours, compared to 3 to 7 days for cement / sand screed.
- Large areas can be laid without the need for stress relief / movement joint - 1600 m². Cement / sand screed is usually partitioned in to 30 to 40m² bays.
- A high degree of dimensional stability means that cracking within the screed is vastly reduced and curling almost totally eliminated. These are two issues commonly seen on traditional site mixed screeds.
- Delivered to the job site in mixer trucks in a 'ready to use' condition, thus eliminating the time and space required for site mixing and concerns relating to manual handling for site operatives.
- Reduced section thickness due to improved flexural strength, 75mm of traditional screed is frequently replaced with 40mm of Supaflo, which improves drying times, thermal insulation values and cost.
- Improved thermal efficiency when used with underfloor heating compared to traditional screed. This is because of the flowing nature of Supaflo which fully encapsulates the heating pipes.
- Quality assurance; Supaflo is only supplied to trained and approved registered contractors.

SUPAFLO+®

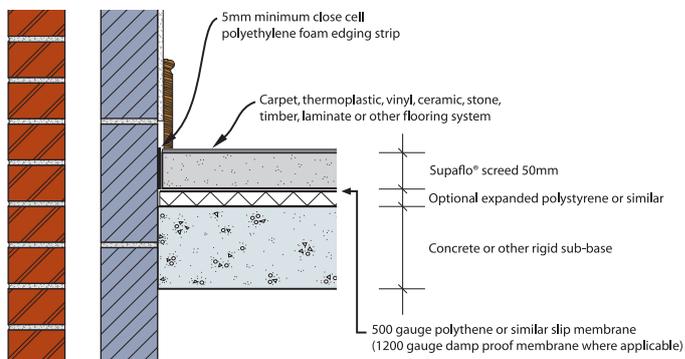
Offers all of the benefits of regular Calcium Sulfate based flowing screeds but is specifically designed for floors with high anticipated loading, substrates with greater deflection, such as engineered timber separating floors and, due to its increased stability, high level application where the screed has to be pumped above 10 floors or long horizontal distances.

- Provides a more stable wet state material for sites with convoluted access that require high level pumping and/or pumping from a remote area over longer distances. This is common for modern high raised projects within city centres.
- Can be used at minimum thicknesses, on timber constructed, separating floors, to provide improved acoustic performance.
- Guaranteed minimum strength ensures durability for floors with higher anticipated, in service, loading.
- May be used, with confidence, on variable substrates, such as those encountered during the refurbishment of existing buildings.

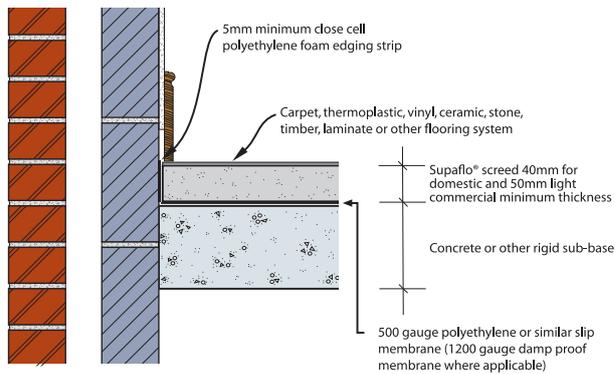
SUPAFLO-C®

As a flowing screed based on CEM I it retains many of the attributes of Calcium Sulfate based flowing screeds (scale of application, ease of placement etc.) but has the added benefits of improved drying times, compatibility with the majority of construction materials, and can be used in areas susceptible to water ingress such as bathrooms, showers, changing rooms and swimming pool surrounds.

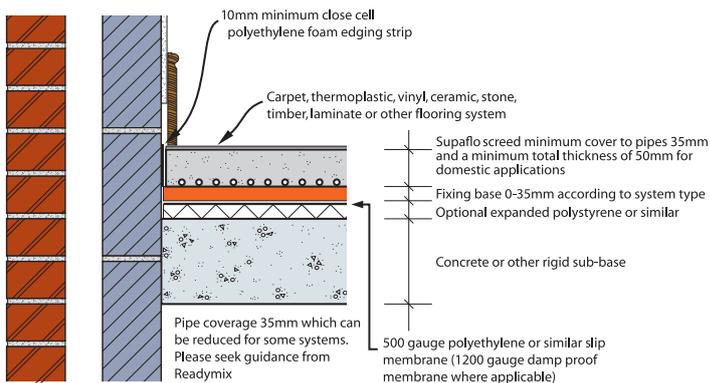
- Supaflo C is compatible with the majority of construction materials. No special precautions are required to separate the screed from other products containing CEM I, which is a prerequisite for all calcium sulphate based screeds.
- Can be used in areas where Calcium Sulfate based materials would not be recommended, such as wet rooms, showers, bathrooms, changing rooms and the areas surrounding swimming pools etc.
- Can provide improved drying times compared to both Calcium Sulfate based flowing screeds and traditional cement:sand screeds. Under favourable conditions Supaflo C has been overlain with impermeable floor coverings at 4 weeks.



Supaflo® floating floor with insulation



Supaflo® 'normal' or 'typical' unbonded



Supaflo® with underfloor heating

- The use of an uncoupling layer should be considered for ceramic and natural stone flooring.

CEMEX Readymix produce an extensive range of high quality, ready to use screed products, covering a wide variety of applications including traditional and flowing methods. All of our products are designed with the final surface finish in mind and are tailored to meet the specific needs of our customers.



About CEMEX

CEMEX is a global supplier of building materials with leading positions in cement, ready-mixed concrete, mortar, screeds and aggregates.

We believe in building a better future, for everyone. Balancing the needs of the built environment with our firm commitment to the natural environment.

We are committed to working collaboratively by providing innovative solutions that are more sustainable and socially responsible. All backed by industry-leading customer service.



For more information contact our Product Helpline
Tel: 0800 667 827
E-mail: gb-enquiries@cemex.com

Or visit our website at
www.cemex.co.uk/supaflo

For more information on CEMEX's RIBA CPDs please contact our Product Helpline
Tel: 0800 667 827
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WITH OUR VAST NETWORK OF SUPPLY LOCATIONS YOU CAN BE SURE OF A LOCAL, FAST AND FRIENDLY SERVICE.

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This paper is produced from pulp sourced from properly managed sustainable forests, is elemental chlorine free, uses up to 20% best white waste and is totally biodegradable.