



***GYPSOL***

**A SCREED SPECIFICALLY  
DESIGNED FOR USE IN  
HIGH RISE APPLICATIONS**

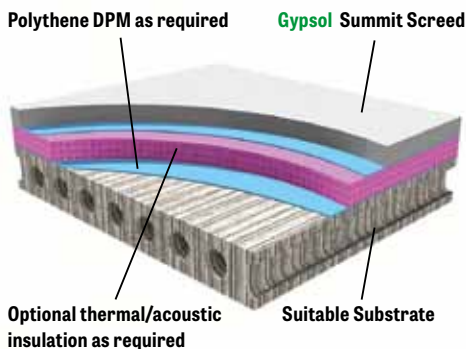
**SUMMIT DATASHEET**

## DESCRIPTION

**Gypsol** Summit self compacting flowing screed is made to exacting standards by quality assured manufacturers to BS EN 13813:2002. It is a combination of high quality **Gypsol** binder, specially selected sands, water and special additives where required. It is designed specifically for use in high rise applications where the screed needs to be pumped to ten stories and above without the danger of segregation. Care must be taken to ensure that the pump used is suitable for the application e.g. a multi cylinder piston pump. The screed is suitable for the encapsulation of an underfloor heating system, either electric or warm water.

**Gypsol** Summit is suitable for most construction types including steel frame, concrete frame, lightweight steel and traditional masonry construction. It is suitable for residential and commercial properties, and where required can be used to improve the acoustic performance of the floor to meet or exceed Part E of building regulations. **Gypsol** Summit screed also improves a floor's environmental and durability characteristics, and gives a concrete feel to a timber floor. For project specific advice on design and for a Model Specification Template contact our technical and specifications team on **01928 562900**.

## TYPICAL SCHEMATIC



## PHYSICAL DATA

<b>Appearance</b>		Off white fluid mortar
<b>Density</b>	Wet	2200kg/m <sup>3</sup>
	Dry	2000kg/m <sup>3</sup>
<b>Typical Strength (28 days)</b>		CA-C25-F4
<b>Required Flow (EN 13454-2)</b>		230mm to 270mm
<b>Reaction to Fire</b>		Class A1fl non combustible

## PERFORMANCE DATA

<b>Working Time:</b>	Place and finish within 3 hours of batching
<b>Foot Traffic</b>	24 to 48 hours
<b>Loading</b>	5 to 7 days
<b>Drying (20oC/60% RH) 1 mm per day for first 40mm</b>	0.5mm per day there over
<b>Force Drying</b>	Can be force dried after 7 days

## ENVIRONMENTAL DATA

<b>Recycled Content</b>	Binder	98%
	Mortar	up to 40%
<b>Carbon Emissions</b>	Binder	10 to 30kg/tonne
	Mortar	30 to 50kg/m <sup>3</sup>
<b>VOC</b>	Virtually zero	
<b>Recyclability</b>	100%	

## HEALTH AND SAFETY DATA

**Gypsol** Summit screeds are delivered to site ready to use via offsite mixing plants, removing the need for labour intensive site mixing and associated mixing equipment.

**Gypsol** Summit screeds are pumped directly to where they are needed, removing much of the manual handling operations required to install other screeds.

**Gypsol** Summit screeds can be pumped to height, removing need for cranes and skips and other lifting equipment.

**Gypsol** Summit screeds are finished using a lightweight dappling bar, requiring no secondary compaction and thus removing most of the physical work needed to lay other screeds. This significantly reduces the negative impact on the musculo-skeletal system of installing contractors. For material safety information please see the relevant health and safety data sheets.