

# FLOW-xS

## XS DATASHEET

### PHYSICAL DATA

Appearance	Off white fluid mortar
Density	Wet 2200kg/m <sup>3</sup> Dry 2000kg/m <sup>3</sup>
Minimum Strength	C30-F6
Typical Strength	C35-F7
Required flow (EN 13454-2)	230mm to 270mm
Reaction to Fire	Class A1 <sub>n</sub> non combustible

### PERFORMANCE DATA

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

### ENVIRONMENTAL DATA

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

### HEALTH AND SAFETY DATA

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

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

**Flow** XS screeds are generally pumped using equipment with closed or grilled dispensing hoppers removing risk of contact with moving machinery.

**Flow** XS screeds are finished using a lightweight dappling bar requiring no secondary compaction 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.

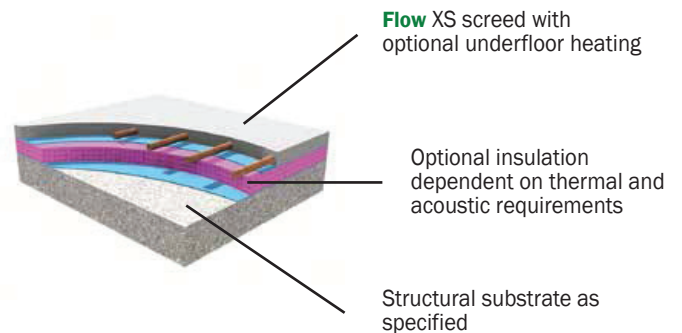
**For material safety information please see the relevant health and safety data sheets.**

### DESCRIPTION

**Flow** XS 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 Flowbinder, specially selected sands, water and special additives where required. It is an enhanced strength mix, which offers a minimum CAC35F7. **Flow** XS is suitable for the encapsulation of underfloor heating systems, either electric or warm water.

**Flow** XS is suitable for use in both residential and commercial properties, including apartments, schools, prisons, hospitals and single dwellings where higher loadings and more durable screeded floors are required. In common with all Flowscreeds, **Flow** XS screed also improves the environmental characteristics of the floor. For project specific advice on design and for a Model Specification Template contact our technical and specifications team on **01483 662244**

### TYPICAL APPLICATION SCHEMATIC



t: 01483 662244  
e: sales@southernscreeed.uk  
w: www.southernscreeed.uk