

# TECHNICAL INFORMATION

## TOPFLOW SCREED A SKY

Tarmac Topflow Screed A SKY is a blend of synthetic calcium sulphate binder, selected aggregates, special additives and clean potable water, to produce a pumpable self smoothing, flowing screed (manufactured to BSEN 13813:2002) and designed to meet the specific requirements of high level pumping.

### USES

Topflow Screed A SKY is designed specifically for use where Topflow Screed A is required to be placed above ten storeys high and is specially formulated to help reduce moisture loss to pump lines and in line segregation, whilst maintaining all the normal features of Topflow Screed A.

For advice on specifications and proprietary systems please contact the Tarmac Technical and Specification Team.

NB: Certain heights may require specialist pumps, Tarmac can suggest pumping companies with previous experience of Topflow Screed A SKY.

### SPECIFIC FEATURES

- Large bay sizes up to 800m<sup>2</sup> depending on application (heated floor 300m<sup>2</sup>)
- Ideal for use with Underfloor Heating (UFH)
- Easily achieves SR2 as described in BS8204:7
- Protein-free – cannot harbour bacteria
- Minimum thermal expansion (0.012mm/mK)
- Excellent thermal conductivity
- Environmentally friendly
- Non-combustible (BS476 : Part 4)
- Weight saving as a result of thinner sections
- Can be loaded at seven days

### TECHNICAL DATA

Appearance/Colour:	Off-white fluid mortar
Water Demand:	13-18% b.w
pH:	>10
Wet Density:	2,200kg/m <sup>3</sup>
Dry Density:	2,000kg/m <sup>3</sup>
Typical Screed Properties:	
Compressive Strength:	CA25 N/mm <sup>2</sup> /C35N/mm <sup>2</sup>
Flexural Strength:	F4 N/mm <sup>2</sup> / F6 N/mm <sup>2</sup>

### MINIMUM APPLICATION FOCUS

Bonded:	25mm
In contact with substrate:	30mm
Unbonded:	30mm
Floating Commercial:	40mm
Floating Domestic:	35mm
Underfloor Heating:	30mm nominal (25mm min) cover to pipes, heating elements

### **DELIVERY**

Topflow Screed A SKY flowing screed is supplied via Tarmac's network of approved screed plants.

### **HEALTH & SAFETY**

Some of the components of this product may be hazardous during mixing and application. Please consult the relevant Health and Safety data sheets, available from Tarmac on request and provided with each delivery.

### **ENVIRONMENTAL**

Topflow Screed A Sky is produced using Gyvlon binder which is manufactured from an industrial by-product. Topflow Screed A Sky - Average 36% recycled content. Recyclability - 100% recyclable. Volatile Organic Compound (VOC) free.

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