

# **Apollo Screed** Concrete Floor Screeding System

## **Anhydrite Calcium Sulphate Binder**-Technical Data

\* All values are approximate

### **Colour**

Off White fluid mortar

### **Density**

Wet:2200kg/m<sup>3</sup>

Dry:2000kg/m<sup>3</sup>

### **Application Temperatures**

+5°C min,+30°C max

### **Min Thickness-Bonded**

25mm

### **Unbonded over solid floor**

30mm

### **Cover over heating Pipes**

20-25mm

### **Maximum Thickness**

75mm

### **Typical Strengths at 28 days**

Satisfies C30 Requirements

### **Flexural**

>5 N/mm<sup>2</sup>

### **Compressive Strenght**

>30 N/mm<sup>2</sup>

### **Flow**

270 +/- 30mm

### **BRE Impact Test**

<2mm

### **Setting Time**

Initial >4 hours

Final < 11 hours

### **Thermal Conductivity**

1.6W/mk

**Drying Time**

**(20°C/60%RH)**

1mm/day up to 40mm

2mm /day over 40mm

**Drying Shrinkage**

<0.02%

**Light Foot Traffic**

Minimum 24hours @ 20°C

**Fire Rating**

Class A1fl

**Floating on Insulation**

**40mm**