



## Lafarge Gylon Flowing Screed- Data Sheet

### DESCRIPTION

**GYLON FLOWING SCREED** is a blend of **GYLON BINDER** and selected aggregates mixed with clean potable water to produce a flowing pumpable screed.

### USES

**GYLON FLOWING SCREED** is designed to provide a smooth level surface in both commercial and domestic buildings prior to the application of floor finishes and is particularly suitable to application as a floating screed and for use with underfloor heating systems

### KEY FEATURES

- Increased productivity- 2000m<sup>2</sup>/day can be easily achieved.(average 500-1000 m<sup>2</sup>/day)
- Can be walked on in 24-48 hours
- Does not require curing
- Extremely low shrinkage- does not curl and minimises the risk of cracking
- Suitable for floating floor construction
- Avoids the need for reinforcement
- Ideal for use with underfloor heating systems enabling rapid commissioning of the underfloor heating system in accordance with BS1264:2001- Part 4 clause 4.4
- Significantly reduced thickness when compared to traditional sand – cement screed
- Weight saving as a result of thinner section
- Large bay sizes of up to 30-40 linear meters depending on application
- Dries at a rate of 1mm per day up to a screed depth of 40mm however this can be affected by adverse site conditions
- Can be force dried as early as 7 days after application
- Easily achieves SR2 finish as described in BS8204
- Protein free - cannot harbour harmful bacteria
- Non combustible (tested to BS476 Part 4)
- Minimal Thermal expansion (0.012mm/mK)
- Excellent thermal conductivity(2.2W/mK)

### TECHNICAL DATA

<b>Appearance/Colour:</b>	Off-white fluid mortar
<b>Water demand:</b>	13-15% b.w.
<b>pH:</b>	>10
<b>Wet Density:</b>	2200kg/m <sup>3</sup>
<b>Dry Density:</b>	2000kg/m <sup>3</sup>

#### Composite Screed Properties (Typical)

Nominal 750kg/m<sup>3</sup> Gylon Binder + Standard Sand to clause 5.1 of EN196-1: 1994 and 13.5% water.

<b>Flow:</b> DIN 1060 Flow Ring	260mm
<b>Setting Time:</b> EN196-3: 1994. Vicat	
Initial Set	> 300 Mins
Final Set	< 660 Mins
<b>Compressive Strength:</b>	
3 days	> 15N/mm <sup>2</sup>
28 days	> 30N/mm <sup>2</sup>
<b>Flexural Strength:</b>	
3 days	> 3 N/mm <sup>2</sup>
28 days	> 8 N/mm <sup>2</sup>

### MINIMUM APPLICATION THICKNESS

Bonded:	25mm
Partially Bonded	30mm
Unbonded:	30mm
Floating Commercial:	40mm
Floating Domestic:	35mm
Underfloor Heating:	30mm minimum cover to pipes

### DELIVERY

**GYLON FLOWING SCREED** is supplied in bulk via a concrete plant in 5m<sup>3</sup> mixer trucks

### HEALTH AND SAFETY

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