

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- 2000m²/day can be easily achieved.(average 500-1000 m²/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

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

Composite Screed Properties (Typical)

Nominal 750kg/m³ Gylon Binder + Standard Sand to clause 5.1 of EN196-1: 1994 and 13.5% water.

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

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 5m³ 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