

FIRST CHOICE IN FLOWING SCREED



Description

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

Uses

GYVLON 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 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 Gyvlon 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/mm²

28 days > 30N/mm²

Flexural Strength:

3 days > 3 N/mm²

28 days > 8 N/mm²

Minimum Application Thickness

Bonded:	25mm
In Contact with Substrate:	30mm
Unbonded:	30mm
Floating Commercial:	40mm
Floating Domestic:	35mm
Underfloor Heating:	30mm minimum cover to pipes

Delivery

GYVLON FLOWING SCREED is supplied in bulk via a concrete plant in 5m³ mixer trucks.

Health & 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.

Lafarge Gyvlon Flowing Screed DATA SHEET

Applicator Data Sheet

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Revision 2

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