



Technical Data **GYVLONXTR**

DESCRIPTION

GYVLON XTR FLOWING SCREED is a blend of **GYVLON BINDER, special additives** and selected aggregates mixed with clean potable water to produce a pumpable self smoothing, flowing screed (manufactured to BSEN 13813:2002).

USES

GYVLON XTR FLOWING SCREED is designed to provide a smooth level surface in both commercial and domestic buildings where higher than usual loadings are expected, prior to the application of final floor finishes and is particularly suitable for application as a floating screed and use in conjunction with under floor heating systems (where higher loadings are expected, special attention should be paid to the loading characteristics of the insulation being specified).

For advice on specifications and for proprietary systems contact your Gyvlon Area Technical & Specifications Manager.

FEATURES

- Increased productivity - 2000m²/day can be easily achieved.
- Self compacting
- Self curing.
- Can be walked on in 24-48 hours.
- Can be loaded after 7 days
- Extremely low shrinkage - does not curl and minimizes the risk of cracking.
- Avoids the need for reinforcement.
- Significantly reduced thickness when compared to traditional sand - cement screed
- Large bay sizes of up to 1000m² depending on application (heated floors 300m²).
- Ideal for use with under floor heating
- Can be force dried as early as 7 days after application.
- Weight saving as a result of thinner section.
- Dries at a rate of 1mm per day up to a screed depth of 40mm in good drying conditions
- 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.
- Environmentally friendly

TECHNICAL DATA

Appearance/Colour: Off-white fluid mortar
 Water demand: 13-18 % b.w
 pH: > 10
 Wet Density: 2200 kg/m³
 Dry Density: 2000 kg/m³

Typical Screed Properties:

Compressive Strength: >C 35.0
 Flexural Strength: > F7.0

MINIMUM APPLICATION THICKNESS

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

DELIVERY

GYVLON XTR FLOWING SCREED is supplied ready mixed in bulk via a concrete plant and in 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.

EXAMPLES OF USE

Dungeoness Research Centre	400 m ²
Applegreen Service Stations, Dublin	9,000 m ²
Derby Civic Centre	10,000 m ²
Boys Model School, Belfast	1,200 m ²