Technical Data

GYVLONEco

DESCRIPTION

GVYLON 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 FLOWING SCREED is designed to provide a smooth level surface in both commercial and domestic buildings prior to the application of floor finishes. It can be used Bonded. unbonded or floating and with or without UFH.

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

PRODUCT FEATURES

- Self compacting
- Self curing.
- Can be walked on in 24-48 hours.
- Can be loaded after 7 days
- No reinforcement required.
- Ideal for use with under floor heating
- Can be force dried as early as 7 days after application.
- 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/m^3
Dry Density:	2000 kg/m^3

Typical Screed Properties:

Compressive Strength:	C25 N/mm2
Flexural Strength:	F4 N/mm2

MINIMUM APPLICATION THICKNESS

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

DELIVERY

GYVLON FLOWING SCREED is supplied via a concrete plant in truck mixers, Transmix trucks or in pre blended bags.

ENVIRONMENTAL

Gyvlon Binder – 98% Recycled Content

Gyvlon Screed – Average 36% Recycled Content

Recyclability – 100% Recyclable

VOC Content – VOC Free

HEALTH & SAFETY

Please consult the relevant Health & Safety Data Sheets, available from Lafarge on request and provided with each delivery.