



## Technical Data Sheet

# GYVLON Sky

### DESCRIPTION

**Gyvlon Sky Screed is a blend of Gyvlon Binder, selected aggregates, special additives and clean potable water, to produce a pumpable self smoothing, flowing screed (manufactured to BSEN 13813:2002 and to the specific requirements of high level pumping).**

### USES

**Gyvlon Sky screed is designed specifically for use where Gyvlon pumped screeds are required above 12 storeys. It is specially formulated to help reduce moisture loss to pumps lines and reduce risk of in line segregation whilst maintaining all the normal features of a Gyvlon flowing screed**

For advice on specifications and proprietary systems please contact the Gyvlon Technical and Specification team

**Please note that over certain heights may require specialist pumps, Gyvlon can suggest pumping companies with previous experience of Gyvlon Sky.**

### PRODUCT FEATURES

- Self compacting
- Self curing.
- Improved pumping characteristics
- 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 <sup>3</sup>
Dry Density:	2000 kg/m <sup>3</sup>

### Typical Screed Properties:

Compressive Strength:	C25 N/mm <sup>2</sup>
Flexural Strength:	F4 N/mm <sup>2</sup>

### 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 Sky** is supplied via a concrete plant in truck mixers, Transmix trucks or in pre blended bags.

### ENVIRONMENTAL

**Gyvlon Sky** is produced using Gyvlon binder, which is manufactured from an industry by product.

Gyvlon Binder – 98% Recycled Content

Gyvlon Thermoplane 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.