



## Technical Data

# GYVLON SoundBar®

### DESCRIPTION

**Gyvlon SoundBar** screed is a blend of Gyvlon Binder, selected aggregates and clean potable water, to produce a pumpable self smoothing, flowing screed (manufactured to BSEN 13813:2002 and to the specific requirements of the SoundBar system).

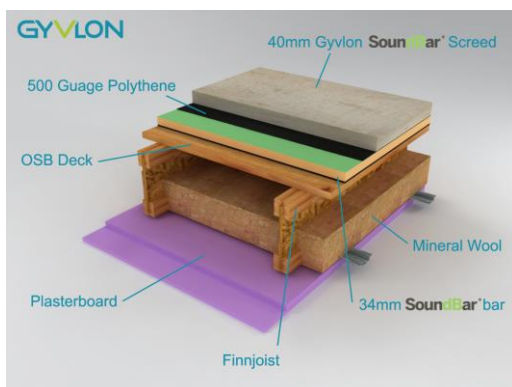
### USES

**Gyvlon SoundBar** screed is designed specifically to be used as part of the Soundbar system, for use over timber joists both in masonry and timber framed designs. The system can be used in both commercial and residential projects and is ideally suited where improved acoustic, loading and durability are required.

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

### SYSTEM SPECIFIC FEATURES

- Increased productivity compared to floating floor treatments
- Improved loading compared to floating floor treatments
- Can easily accommodate UFH within the screed zone
- Ideal for use with UFH
- No need for loading out prior to flooring
- Easily achieves SR2 as described in BS8204:7
- Protein Free – cannot harbour bacteria
- Minimum thermal expansion (0.012mm/mK)
- Dries at a rate of 1mm per day up to 40mm in good conditions
- Excellent UFH performance compared to floating floors
- 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:	C35 N/mm <sup>2</sup>
Flexural Strength:	7 N/mm <sup>2</sup>

### MINIMUM APPLICATION THICKNESS

#### Soundbar System

Without UFH :	40mm
---------------	------

#### Soundbar System

With UFH:	Minimum 45mm (25mm minimum , 30mm nominal) cover to pipes, heating elements.
-----------	---

### DELIVERY

**GYVLON SoundBar** is supplied via a concrete plant in truck mixers, Transmix trucks or as pre blended bags.

### ENVIRONMENTAL

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

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.