



## **GB Flo**

**BAGGED GYPSUM-BASED FLOOR SCREED MANUFACTURED WITH GYVLON BINDER**

### **DESCRIPTION:**

**GB Flo** bagged screed, when added to the requisite amount of water produces a flowing screed that requires minimal dapping for a smooth and level surface to SR2 of BS 8204:2 2003.

**GB Flo** is designed with a quality anhydrite binder combined with specially selected 0-4mm aggregates. The screed can be used to prepare a wide variety of sub-floors to receive tile, carpet, resilient flooring, wood flooring and many types of surface finishes.

**GB Flo** provides rapid, economical coverage installation of floors. It readily accepts a variety of finishes.

### **USES:**

Bonded construction for minimal depth in new and refurbished floors

Un-bonded to exclude rising moisture by uncoupling from unsuitable bases

Floating floors for thermal or acoustic insulation

Under-floor heating pipe encapsulation

### **FEATURES:**

Trafficable in 24 – 48 hours

Thinner sections compared to sand/cement screeds, saving weight on the building.

It is readily pumpable for larger installations, without separation, settling in lines or "bleeding".

**GB FLO** is amenable to hand mixing using a mechanical stirrer for small batches.

Protein free – does not encourage bacterial growth

Low shrinkage

Larger floor area without control joints

High strength - class CA-C30-F6, matching high quality concrete.

Safety - does not contain toxic resins or solvents, is odourless and non-flammable.

<u>GB Flo TYPICAL PROPERTIES</u>		<u>APPROXIMATE COVERAGE</u>			
WET DENSITY	2200kg/m <sup>3</sup>	AREA	DEPTH		
DRY DENSITY	2100kg/m <sup>3</sup>		<u>30mm</u>	<u>35mm</u>	<u>40mm</u>
FLEXURAL STRENGTH	6N/mm <sup>2</sup> (28 days)		No of 25kg bags required		
COMPRESSIVE STRENGTH	30N/mm <sup>2</sup> (28 days)	5m <sup>2</sup>	12	14	16
pH	10 – 12	10m <sup>2</sup>	24	28	32
FLOW @ 13%w/w	250mm	15m <sup>2</sup>	36	42	48
SHRINKAGE	Less than 0.02%	20m <sup>2</sup>	48	56	64

**MIXING:**

To fully develop self-levelling properties without the use of excessive amounts of water, product should be mechanically mixed using slow speed drill with mixing paddle (250 rpm). Avoid whipping excessive air in to mixes. Add **GB Flo** powder to water and mix for 2-4 minutes to achieve a homogeneous, flowable, fine batter consistency. Be consistent from batch to batch once optimum ratio for job conditions has been determined.

**PLACEMENT:**

Pour or pump **GB Flo** in place and spread with screed, float or squeegee. No trowelling is required. Do not re-temper material which has begun to set. Discard any material not used within 1 hour of mixing

**Curing:**

**GB Flo** does not require curing, and installations will require no special curing procedures. Avoid too rapid drying when working in hot, dry and/or windy conditions. Do not apply if ambient temperature is above or likely to exceed 25°C during the first 3 hours after application. After this initial period, the product should be allowed to dry cure. **DO NOT**

**COVER**

**GB Flo** must be kept from freezing for 12 hours after installation. Do not apply at temperatures below 5°C or when temperatures will drop below 5°C within 8 hours of application.

**Storage and Handling:**

Store **GB Flo** in unopened bags in a dry area off the floor. Avoid skin and eye contact and avoid breathing dust. Observe all safety and handling guidelines as detailed in the Material Safety Data Sheet supplied with this product. Keep packages closed when not in use.

For further information or assistance, contact Creative Impressions.


  
 Creative Impressions uses *Binder*

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