

## DATA SHEET

## EPOXY SYSTEM SB 5

*Self levelling Epoxy system giving perfect flat coloured surfaces (Grey / Blue / Yellow)*

Self levelling SB 5 is a coloured flooring epoxy system, which provides perfectly flat surfaces. Generally used to prepare a workshop floor for heavy machinery which requires a flat surface, or to offer perfectly flat and chemically resistant flooring for garages, shops, supermarkets ...

It supports almost any weight in compression, and is far more resistant than a hydraulic concrete. It also offers very good resistance to most chemical products. It is best applied inside, but when applied outside, the finished surface must be protected from UV with a P.U. paint or varnish.

Surfaces must be prepared with our primer SB 1. This is generally applied to old concrete. When applied to new concrete this must be done within 28 days of the original concrete application and the acidity of the surface must be neutralised before applying the SB 1.

SB 5 can be poured to fill gaps of 1 or 2 mm up to 10 / 15 mm in each application.

To obtain the best result, it is important to equalise the surface and to fill the largest gap first. For an irregular surface, it is best for a first application of SB 5 to be applied to the largest gaps in order to have an average casting of 3 mm for the last layer. It is best to apply one layer on top of the other, as soon as possible, and within 24 hours at 20 ° C. If the time between applying 2 layers is more than this, it is necessary to prepare the surface by sanding prior to the 2<sup>nd</sup> application.

Moisture content must be controlled, in order to avoid surface defacement.

Do not attempt to apply SB 5 below 10 °C, as the viscosity of the mixture will be so high, that self levelling effect will not be possible.

**Consumption:**

Primer SB 1: between 150 and 500 g/m<sup>2</sup> depending on the surface quality.

Self levelling SB 5: approximately 1.7 kilo / m<sup>2</sup> / mm of thickness.

**CAUTION : In construction the preparation of the surface is most important. Surfaces must be cleaned of dust, humidity and grease. The floor must be protected during and after the work & must not be used as long as the surface is not completely hard. Ultimate hardness will be dependent on temperature.**

*It is very important to respect the following ratios between resin and hardener*

## SYSTEM

	Resin SB 5	Hardener " Standard "	Hardener " Rapide "
Mixing ratio by weight	100	26	26

## AFTER MIXING

Pot life 100g at 20°C	50 mn	30 mn
Time between 2 layers, at 20 ° C	8 h	4 h

## CAUTION

Use in a well ventilated area. May cause irritation. Avoid prolonged or repeated skin contact and wear the appropriate protective equipment. If contact with skin does occur, wash the affected area thoroughly with soap and water, do not use solvents. If in contact with the eye rinse immediately with plenty of water and seek medical advice. Ensure all persons likely to work, or come into contact with these products have been provided with the correct safety instructions.

Any technical recommendations given by us are not binding on us. Prospective users should conduct their own trials to determinate whether our products are suitable for the intended purpose. Our liability is governed by our general conditions of sales.

*REA Industrie 274, chemin du Littoral 13015 Marseille / France*

*SARL 80 000 Euros - Siren 323573774*

*Phone number: +33 (0) 4 96 15 75 90 Fax number: +33 (0) 4 91 60 59 38 e-mail : rea.ind@wanadoo.fr*