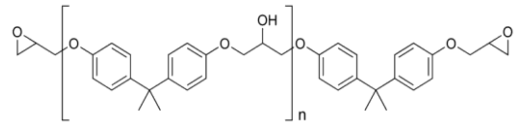


# Compset GP epoxy



**Compset GP epoxy** is low viscosity, solvent free epoxy resin suitable for epoxy resin flooring compositions where high strength is required without the aggressive demands on high chemical resistance.

## features

- low viscosity
- high strength
- fast cure

## applications

- primers, binders and sealers
- patching, resurfacing , grouting
- falls to waste and sub floors for PU Cement and epoxy coatings

## application data

mixed viscosity  
mixing ratio (volume)  
potlife 100 grams 20°C

500 - 800 mPa.s  
2 GP Part A : 1 GP Part B  
20 - 30 minutes

## cured properties

<b>Static Mechanical Properties 20 °c (unfilled)</b>		
Flexural Properties ASTM D790-90	Modulus	2750 MPa
	Strength	100 MPa
Compression to ASTM D695-91	Modulus	1020 MPa
	Strength	90 MPa
Tensile Properties	Strength	14 MPa
Water Absorption ASTM-D-570 (24. Hr. immersion)		0.12%
Bond Strength to Concrete		3 MPa
<b>Dynamic Mechanical Analysis</b>		
T $\alpha$ °c	ASTM D5418-01	56 <sup>0</sup> c
tan $\delta$ °c	ASTM D5418-01	77 <sup>0</sup> c

## limitations

The system should not be applied to surfaces subject to rising damp or have moisture content higher than 4%. The surface must be free from oils, chemicals and any other material that may affect the adhesion such as concrete curing membranes.

High atmospheric humidity or drops in 4 °C temperature around dew point may result in condensation on the uncured film causing changes in the film surface. This is commonly known as whitening or blooming. This effect may cause loss of inter coat adhesion. In these conditions good adhesion may be obtained by re-roughening the surface.

## Note

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