



REEBOND FC100

Reebond FC100 is the binder used for Reegrip CQ, PVA flakes and natural minerals



INTRODUCTION

Reebond FC100 is a formulated epoxy resin binder which can be used on a wide range of applications.

The outstanding properties of this binder towards strength and flexibility are excellent making the system highly recommendable in civil engineering applications.



APPLICATIONS

As binder for pigmented quartz, PVA flakes and other minerals.

ADVANTAGES

Medium Viscosity - Good Chemical Resistance
 - Good Early Strength - Good Flexibility
 (Unfilled) - Excellent Curing Rate - Versatile

TECHNICAL DATA

Typical Properties		Additional Application Information		
		+10°C	+20°C	+30°C
Colour	Straw to yellow liquid			
Viscosity @ 20°C	1200-1400Mpa	40 Mins	30 Mins	15 Mins
Gel time 500gms @ 20°C	25-30 Mins	Waiting time between coats:		
Curing Speed - thin film @ 20°C	3-4 Hours	Min	28 Hrs	24 Hrs
Curing Speed - thin film @ 5°C	8-12 Hours	Max	70 Hrs	24 Hrs
Compressive Strength	84Mpa	Final drying times:		
Flexural Strength	68Mpa	Foot Traffic	2 Days	1 Day
Hardness (Shore-D)		Lightly Serviceable	3 Days	2 Days
After 8 Hours	77	Fully Serviceable	7 Days	7 Days
After 24 Hours	85			5 Days
Adhesion Strength (on steel)	7Mpa	NOTE: All above values are approximate. Store away from Food, Drinks, Animals and Children.		

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PACKAGING

Pack Size: 5kg, 10kg.

5kg Unit:	Resin	3.40kg
	Hardener	1.60kg
10kg Unit:	Resin	6.80kg
	Hardener	3.20kg

STORAGE, MIXING & APPLICATION

The storage, mixing and application conditions can affect the quality of the finished product. Please refer to our Information Data Sheet reference TD300.

CLEANING

All brushes, rollers, tools etc. should be cleaned with Reepol Thinners RC4 immediately after use. For hands - soap and water.

HEALTH & SAFETY

It is recommended that barrier creams, gloves and protective clothing are used when using Reebond FC100. If eyes are affected wash with copious amounts of water and seek medical advice. For full details refer to C.H.I.P. data sheet.



**Reepol Chemical Building
Products Limited.**

Court Works, Bridgnorth Road,
Madeley, Telford, Shropshire TF74JB.

T 01952 588575
F 01952 587886
E sales@reepol.com
W www.reepol.com

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