

Reeprime CPS900 is a 2-part water dispersed anti-static epoxy primer. The product contains no solvents and therefore is not flammable.

Reeprime CPS900 is used as a conductive layer prior to the application of anti-static floor coatings and wall coatings. It is commonly used as the primer for Reecote ECO17 AS.



Easy to apply



Roller-applied



Colours

Gun Metal Grey.

Pack Size

5.77 kg unit.

Suitable Substrates

Polymer modified cementitious screeds.

Uses

Reeprime CPS900 is used as a conductive layer prior to the application of anti-static floor coatings and wall coatings.

Components

Each unit comprises of: one part Resin (Base), one part Hardener and one part Bulking agent. All components are pre-weighed and ready to mix.

Advantages

- ✓ Easy to apply
- ✓ Non-flammable
- ✓ Low odour

CAUTION

After Reeprime CPS900 is cured, the resultant surface is electrically conductive. Regular warning signs indicating this fact must be predominantly displayed in all areas concerned. All electrical equipment and working practices must be suitable for working in this environment. All warning signs must be left in place until the finished surface is approved for use.

VIRTUS RESINS

The Shippon, Faenol
Pentrecelyn
Ruthin LL15 2SP

Tel: 01978 790 744

Tel: 0843 289 8422

Email: info@epoxyresinsuppliers.co.uk

www.epoxyresinsuppliers.co.uk



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Technical Data

Surface Preparation

The cementitious substrate should be sound and of sufficient compressive strength (Min 25 N/mm²). Minimum pull of strength 1.5 N/mm.

The surfaces must be dry and free of all contaminants e.g. oils, grease, surface treatments and coatings etc. The substrate must be prepared mechanically to achieve an open textured fine gripping surface, free of cement laitance. Weak concrete should be removed and surface defects such as blowholes and voids must be fully exposed. All dust, loose and friable material must be completely removed from all surfaces before application of the coating preferably by brush and vacuum.

Storage, Mixing & Application

The Storage, mixing and application conditions can affect the quality of the finished product. Please refer to our Information Data sheet ref. TD300.

Pack Size

5.72 kg unit.

Component A	4.7 kg
Component B	1.072 kg

Note: Never add or take out any proportions from any of the components that make up the system.

Coverage

200-300g/m². These figures do not allow for surface porosity, profile or wastage.

Mixing

Add 0.5 litres of water to the base of component A and mix for one minute. Then add the Resin component B and continue mixing by using a low speed electric stirrer (300-400 rpm) for a minimum of 3 minutes until a uniform mix has been achieved.

Application

Observe the waiting time between coats. Coats that exceed the maximum waiting time can be re-coated after roughening the surface with fine sandpaper. Do NOT apply Reepime CPS900 on substrates in which significant vapour pressure may occur. Always ensure good ventilation when using Reepime CPS900 in confined space.

Freshly applied Reepime CPS900 should be protected from damp, condensation and water for at least 24hrs. Avoid puddles on surface.

Reepime CPS900 should NOT be applied to surfaces which have been treated with water repellent.

Testing

Reepime CPS900 should be tested after the initial cure of approximately 10-18 hours before proceeding with the application of the top coatings. The reading on a MEGGER such as BM200 series or similar should display 0.04 M ohms or less at M ohms 500V

Cleaning

All brushes, rollers, tools etc. should be cleaned with warm, soapy water immediately after use. For hands, use warm water and soap.

Technical Advice

For further information on this or any other Virtus product, please contact our office.

Note: The information contained in this document, and all further technical advice given is based on our present knowledge and experience. However, it implies no liability or legal responsibility on our part. In particular, no warranty or guarantee of product performance in the legal sense is intended or implied as the conditions of use and the competence of any labour involved in the application are beyond our control. Properties listed are for guidance purposes only. We reserve the right to make any changes according to technological progress or further developments.

Density (S.G)	Approx. 1.26 kg/l	Heat Resistance:			
Volume Solids	Approx. 75%	Continuous Exposure:	50°C		
		Short-term Exposure:	100°C		
Application Temperatures		Additional Application Information:	+10°C	+20°	+30°C
Min.	+10°C	Pot Life	1Hr	40 Min	30 Min
Max.	+30°C				
Humidity Conditions:	RH 80% max.	Waiting time between coats:			
Substrate:		Min.	48Hrs	15Hrs	13Hrs
M.C	<4% by wt	Max.	7days	5days	3days
R.H	<75% RH				
Mechanical Properties		Note: All the above values are approximate. Store away from Food, Drinks, Animals and Children.			
Adhesion to dry/shot blasted concrete:	Concrete failure				
Adhesion to abraded mild steel:	4.5 N/mm ₂				