

SOLVENT FREE, EPOXY-CERAMIC FLOOR COATING

CONSEAL CERAMIC is a two part, totally solvent free, ceramic filled epoxy floor coating. It has exceptional wear and abrasion resistance and is suitable for use in high wear areas and in situations where the use of solvent containing paints may be a problem. It has excellent opacity and covering power, is resistant to oil, petrol, diesel fuel, most chemicals and has good resistance to sunlight.

CONSEAL CERAMIC is very easy to mix and apply and little skill is required to produce a good job, provided the mixing and application instructions are followed. For best results we recommend applying two coats.

For wet areas or where maximum slip resistance is required, we have a selection of non-slip additives that can be added to the coating to produce a variety of textures, please visit our website or call for more information.

TYPICAL USES As a long lasting, hard wearing floor paint for industrial and domestic application.

SUBSTRATE PREPARATION

Concrete should be primed with the appropriate CONSEAL Primer and timber with TIMBERSEAL PS. Existing, sound floor coatings can be abraded to provide a key for the application of CONSEAL CERAMIC.

APPLICATION CONDITIONS

Epoxy coatings should not be applied in temperatures of less than 7°C or to substrates less than 7°C. CONSEAL CERAMIC should be stored at 15-25°C for at least 8 hours before use.

MIXING CONSEAL CERAMIC resin should be pre-mixed in the tin before the hardener is added. Add all of the hardener to the tin of resin

and mix thoroughly with an electric mixer. Transfer all of the contents into a clean bucket and mix for another 2-3 minutes.

When mixed, the resin and hardener will start to react, generating heat which will accelerate the reaction. The greater the mass of epoxy, the more heat will be generated and the shorter the pot life. To prolong pot life pour the resin into shallow trays or onto the floor. If you require a smaller quantity, or are unable to use all of the material within its pot life, weigh out resin and hardener in the proportions specified on the label using digital kitchen scales. Please see our website for more information on the proper mixing of epoxy resins.

APPLICATION CONSEAL CERAMIC should be applied by brush and/or medium pile roller. For best results we recommend applying two coats.

OVER-COATING CONSEAL CERAMIC can be over-coated as soon as it is touch dry as shown in the table overleaf according to the ambient temperature. If it is allowed to cure beyond the maximum over-coating time, glossy areas must be abraded before any further coatings are applied.

ADVANTAGES OF CONSEAL CERAMIC



- Long lasting, ceramic content makes CONSEAL CERAMIC hard wearing and eliminates frequent recoating.
- Economical, saves time and money.
- Virtually odour free
- Excellent adhesion to properly prepared substrates.
- Easy to apply, lower viscosity than other solvent free epoxy coatings
- Provides an attractive finish
- Anti static and acid resistant grades are also available

The coating should be sufficiently hard to withstand foot traffic after 15-30 hours, depending on ambient temperature. It will take a further 5-7 days for full chemical cure, during which time the floor should be protected from any water or chemical spills

Conseal Ceramic - Specification

Type	Solvent free ceramic filled epoxy coating
Mix ratio	See label on tin
Hardener	Xyamin 220
Resin Density	1.5 kg/litre
Coverage	6 sqm per litre, dependant on required thickness
Finish	Semi-gloss
Solvent	None required. Xysol Safe for cleaning
Colours	Various, see colour chart for full range. Custom colours made for orders over 100L
Pack sizes	1, 2.5 and 5 litre
Shelf Life & Storage	12-18 months in original, unopened container. Store in cool, dry conditions

Conseal Ceramic - Drying times

Temperature °C	5 to 15		15 to 25		25+	
Pot Life	60-90 minutes		40-60 minutes		25-35 minutes	
Touch Dry	10 Hours +		5-8 Hours		3-6 Hours	
Overcoating Time	Min	Max	Min	Max	Min	Max
	12 Hours	3 Days	8 Hours	2 Days	6 Hours	36 Hours

Please visit our web site at xymertec.com for details of our other products. They include resins and coatings for marine, industrial and flooring

COVERAGE

It is the applicators responsibility to ensure that the correct coverage is achieved.

We recommend that the area that should be covered by one pack of coating is marked out. Adjust the application rate to ensure that the marked area is covered by the entire contents of a pack. Porous or rough substrates will require more product than regular substrates.

HEALTH & SAFETY

Please see the Safety Data Sheet for full information. All users should ensure appropriate protective measures are adhered to when applying our products.

DISCLAIMER

Customers are advised to thoroughly read and adhere to the instructions provided to ensure the products' optimum finish and performance. All information is based on results gained from experience and tests and is believed to be accurate but is given without acceptance of liability for loss or damage attributable to reliance thereon as conditions of use lie outside our control. Any deviation by the user to these instructions may affect the products performance and is therefore not advised. In this circumstance, Xymertec Limited will not be held responsible and will be unable to offer any product replacement. Users should always carry out sufficient tests to establish the suitability of any products for their intended applications.

We aim to ensure consistency of colour in production (where applicable), however slight variations in shade may occur from batch to batch.