

EPOXY PRIMER FOR WET SUBSTRATES INCLUDING CONCRETE & MASONRY

CONSEAL WET is a two-part, water miscible, epoxy primer that has a unique formulation that gives it the ability to be applied to damp substrates including concrete masonry, wood etc.

CONSEAL WET can be used on any application where rapid completion of work is required on damp substrates or in any situation where it would be difficult or impossible to dry the substrate. Examples are fresh and waste water tanks, cisterns, and prior to the application of waterproofing systems.

Any moisture on the surface of the substrate will react with the coating during the curing process and will become part of it. When cured the coating will be permanently bonded to the substrate.

SUBSTRATE PREPARATION The substrate must be clean, sound and be free of surface laitance or any contamination such as oil, grease, organic matter etc.

We recommend removing laitance by diamond grinding, blasting or UHP washing.

Remove any oil or other contamination with a suitable detergent, followed by pressure washing with a high pressure water washer. Allow the bulk of the washing water to drain away or if in a tank remove by pumping.

Use a jet of compressed air to remove as much water as possible from the surface or mop with a suitably absorbent material.

Inspect the condition of the substrate to ensure that there are no areas of loose or friable material before applying CONSEAL WET.

APPLICATION CONDITIONS Epoxy coatings should not be applied if the temperature is likely to fall below 6°C as very low temperatures will prevent full cure or cause the product to freeze.

CONSEAL WET must not be exposed to rain or water until it has cured.

CONSEAL WET can be applied in high humidity without difficulty.

MIXING CONSEAL WET 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 to allow the heat to dissipate.

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 scales. Please see our website for more information on the proper mixing of epoxy resins.

ADVANTAGES OF CONSEAL WET

- Can be applied to wet substrates eg concrete, masonry etc.
- Eliminates delays waiting for the substrate to dry.
- Eliminates adhesion problems caused by damp substrates.
- Easy to use and fast to apply.
- Provides superior adhesion for finishing and waterproofing systems.

APPLICATION CONSEAL WET should be applied liberally by brush, roller or airless spray taking care to ensure that surface is completely coated and that it is free from pinholes and similar defects.

THINNING If thinning is necessary CONSEAL WET can be thinned with up to 7.5% XYSOLEP solvent. Be careful to avoid adding too much solvent as this will reduce application properties.

OVER-COATING CONSEAL WET should be allowed to cure for 24 hours before over-coating with other CONSEAL, SAFEGUARD or ARMOURGUARD epoxy products.

Conseal Wet - Specification

Type	Two part epoxy coating
Mix ratio	See label on tin
Hardener	Xyamin 511
Resin Density	1.5 kg/litre
Coverage	5-6 sqm per litre, dependant on thickness required
Finish	Semi-gloss
Solvent	Thin with Xysol EP if necessary and for spraying
Colours	Red. Custom colours made for orders over 100L
Pack sizes	1, 2.5, 5 and 10 litre
Shelf Life & Storage	12-18 months in original, unopened container. Store in cool, dry conditions

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OTHER CONSEAL CONCRETE & MASONRY PRIMERS

CONSEAL RAPID

RAPID CURING, TIME SAVING POLYUREA PRIMER **Over-coat in 20-40 minutes**

CONSEAL RAPID is an unpigmented, low solvent two part polyurethane/urea concrete primer that in most conditions is ready to re-coat in 20 minutes, thanks to the use of Advanced Cure Technology.

CONSEAL RAPID has a long pot life but when applied is quickly cured by the action of atmospheric moisture. Con Seal Rapid will quickly develop a bond to concrete that is stronger than the concrete itself.

CONSEAL RAPID can be used for priming and sealing porosity in concrete, masonry and other non metallic substrates before coating with polyurea spray, polyurethane or epoxy coatings, mortars or screeds.

CONSEAL DRY

EPOXY PRIMER-SEALER FOR CURED, DRY CONCRETE

CONSEAL DRY is a two-part, low solvent, epoxy primer that has been developed for application to cured concrete floors, tanks and structures where it will provide excellent adhesion together with good porosity and pin hole sealing properties.

It is an excellent and economical choice to ensure that top coats and screeds will cure to a defect free surface without pin holes and other imperfections.

CONSEAL GREENCRETE

EPOXY CURING AGENT AND PRIMER FOR NEW GREEN CONCRETE **Allows the application of finishing treatments to concrete within 24 - 36 hours of casting**

CONSEAL GREENCRETE is a two-part, low solvent, epoxy concrete primer that has a unique formulation that gives it the ability to mix with fresh wet concrete while still being resistant to diffusion of water through the uncured coating. This attribute enables CONSEAL GREENCRETE to seal moisture into green concrete so that it is able to react with the cement causing it to fully cure, even outdoors in hot, dry conditions.

When CONSEAL GREENCRETE and the cement in the concrete substrate cure, they chemically react together to ensure that the CONSEAL GREENCRETE is permanently bonded to the concrete. The cured surface is far harder and more durable than concrete treated with conventional coatings in the usual way. When applied to new concrete immediately after laying CONSEAL GREENCRETE also eliminates all floor preparation work and enables rapid job completion.

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.