ENHANCE CRYSTALGUARD

Xymertec
innovative resins & coatings

CLEAR, SCRATCH RESISTANT POLYASPARTIC COATING FOR ARDUOUS CONDITIONS

Available in slow, medium and rapid cure speeds and in gloss, semi gloss and matt finishes.

ENHANCE CRYSTALGUARD is a polyaspartic coating that is easy to apply and will cure rapidly to enable fast return to service.

ENHANCE CRYSTALGUARD contains additives that protect the substrate from ultra violet light. It cures to form a hard, but flexible, surface that is extremely durable and long lasting, even under heavy traffic.

TYPICAL USES For sealing and protecting all types of decorative and wooden flooring against damage by heavy traffic, UV light, moisture etc.

SUBSTRATES & PREPARATION No preparation is required when ENHANCE CRYSTALGUARD is applied to newly applied decorative resin substrates, such as ENHANCE CLEARBOND epoxy flake binder.

Old resin substrates that are in good condition must be thoroughly cleaned and abraded before application of ENHANCE CRYSTALGUARD

Timber surfaces should be sanded smooth and primed with a coat of ENHANCE CRYSTALGUARD diluted with XYSOL PU solvent. When the primer coat has cured the the timber will need to be abraded again before application of one or two top coats.

APPLICATION CONDITIONS ENHANCE CRYSTALGUARD must be applied to dry surfaces that are free from condensation. It can be applied in all temperature conditions down to 0°C. However, at low temperatures additional Xysol PU solvent will be required to reduce its viscosity.

MIXING Add all of the can of hardener to the tin of ENHANCE CRYSTALGUARD resin and mix thoroughly for several minutes. An electric mixer is the ideal tool to ensure the components are mixed.

We recommend mixing for at least 2-3 minutes, ensuring that all materials on the sides and bottom of the tin are well incorporated.

When mixed, the resin and hardener will start to react, generating heat. This will then accelerate the reaction. The greater the mass of resin, the more heat will be generated and the shorter the pot life.

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 our products .

APPLICATION We recommend the use of a squeegee for larger areas, to aid spreading of the mixed ENHANCE CRYSTALGUARD. A short pile roller should then be used, to evenly coat the surface.

ENHANCE CRYSTALGUARD should be applied liberally and evenly in order to form a thick, continuous film over the surface.

OVER-COATING ENHANCE CRYSTALGUARD can be over-coated as soon as it is can be walked on but should be over-coated within the time shown on the table overleaf.

If it is allowed to cure beyond the maximum over-coating time, glossy areas must be abraded before a further coat is applied.

ADVANTAGES OF ENHANCE CRYSTALGUARD

Perfect for high traffic areas as it will provide years of service

Protects all types of substrates from scratches and abrasion.

Available in three reactivities to suit all application conditions

Available in gloss, semi gloss and matt finishes

Easy to use, fast to apply and quick to cure.

ENHANCE CRYSTALGUARD
Specification

Type	Pure Polyaspartic resin without reactive diluents
Mix Ratio	See label on the tin
Hardener	Xyonate X100
Resin density	1.03
Solids content including hardener	95.5%
Colour	Clear
Solvent	Xysol PU
Coverage	6 - 8 m^2 per litre

ENHANCE CRYSTALGUARD Fast cure
Pot life and cure times.   Minutes

Temperature ^{O}C	0 - 15	15 - 25	25+
Pot life	10 - 15	8 - 12	5 - 10
Touch dry	25 - 35	15 - 20	10 - 20
Light traffic set time	50 - 70	35 - 55	20 - 40

ENHANCE CRYSTALGUARD Standard cure
Pot life and cure times.   Minutes

Temperature ^{O}C	0 - 15	15 - 25	25 +
Pot life	25 - 35	15 - 25	10 - 20
Touch dry	35 - 45	20 - 35	15 - 20
Light traffic set time	70 - 90	45 - 60	20 - 30

ENHANCE CRYSTALGUARD Slow cure
Pot life and cure times   Minutes

Temperature ^{O}C	0 - 15	15 - 25	25+
Pot life	40 - 50	25 - 35	15 - 25
Touch dry	70 - 80	45 - 55	20 - 30
Light traffic set time	110 - 130	70 - 90	35 - 45

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 toensure 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 Ltd 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.

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