

Technical Data Sheet

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Primers / Sealers for Coatings

This data sheet covers 4 primers & sealers:

1. Crystal seal as primer
2. Duraseal Acrylic Sealer
3. Aquaglaze UV
4. Crystal Seal as an over-seal

CRYSTAL SEAL - primer for cementitious surfaces

GENERIC TYPE:

Solution acrylic

PROPERTIES / FEATURES:

- Nuplex Crystal seal is a solution acrylic polymer supplied at low viscosity and formulated to ensure excellent penetration and adhesion to a wide variety of substrates.
- SG: 0.900 – 0.950 kg/litre
- Diluent: solvent
- Colour: Clear.
- Finish: Semi Gloss

SUGGESTED USES:

As a sealer before Flexiglaze, Flexicote, Situflex high build coatings, especially recommended for difficult to seal substrates, i.e.

- Asbestos and fibre cement sheet.
- Gypsum and cementitious plaster.
- Some plastics (test compatibility first).
- GRP.
- Concrete roof tiles.
- Existing coatings (a trial should be conducted to determine suitability).
- May be used as a surface finish sealer.

NOT RECOMMENDED:

- Application to damp substrates.
- Application to poorly prepared substrates.

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<u>APPLICATION METHOD:</u>	Brush or roller.
<u>COVERAGE RATE:</u>	8m ² /litre. 2 coats required to seal very porous substrates.
<u>THINNING:</u>	Not required or recommended. Solvent HA for cleaning
<u>DRY TIMES:</u> (20°C 50% RH)	Tack free: 30 minutes Recoat: 60 minutes

ACRYLIC SEALER- **DURASEAL** primer for surfaces

<u>GENERIC TYPE:</u>	Acrylic emulsion.
<u>PROPERTIES / FEATURES:</u>	<ul style="list-style-type: none"> • Duraseal Acrylic Sealer is a fast dry primer, providing excellent sealing of a wide variety of substrates. • Film possess excellent water and alkali resistance. • May be applied to a damp surface. • SG: 1 kg/litre • Minimum application temperature - + 10°C. • Finish: Semi gloss • Colour: Milky liquid
<u>SUGGESTED USES:</u>	<ul style="list-style-type: none"> • As a primer for most water based conventional and high build coatings. • Primer for cement based floor screeds. • Gib board. Concrete block, cementitious plasters and renders. Brick. • Primer to seal composite timer floors prior to flooring adhesives. • Hard board, particle board, plywood. • Bituminous surfaces (Caution: carry out test first).
<u>NOT RECOMMENDED:</u>	<ul style="list-style-type: none"> • As a sealer for high build coatings on fibre cement sheeting. • Areas where there is a potential for stain bleed. • Gypsum plaster board. • Must not be used as a surface finish sealer.
<u>APPLICATION METHOD:</u>	Brush, roller.
<u>COVERAGE RATES:</u>	8m ² /litre/coat <u>Note:</u> 2 coats may be required on porous substrates.
<u>THINNING:</u>	<ul style="list-style-type: none"> • Ready for use; Clean potable water if necessary.. • Concrete, brick, plaster etc 1 part sealer : 1 part water • Gib board, particle board, plywood etc
<u>DRY TIMES:</u>	Touch dry: 60 minutes Recoat: 2 hours

AQUAGLAZE UV – overglaze for waterbased wall coating only

<u>GENERIC TYPE:</u>	Urethane. Overglaze for Terraflex, Flexicote, Surfaglaze basecoat
<u>PROPERTIES / FEATURES:</u>	<ul style="list-style-type: none">• Aquaglaze UV is an emulsion which possesses good exterior durability and is moderately hard wearing.• Reduces exterior dirt pick-up.• Good blanch resistance.• Low odour. Non-toxic. Non-flammable.• Good soiling resistance.• Excellent flexibility.• Total Solids Content: 27%. Volume Solids: 25%• Colour: Milky white, dries clear.• Minimum application Temperature - + 10°C
<u>SUGGESTED USES:</u>	<ul style="list-style-type: none">• Interior / exterior protective glaze for Nuplex acrylic coatings.• Easily cleaned hygienic surface.• May be used as a surface finish sealer on walls; not floors.
<u>NOT RECOMMENDED:</u>	<ul style="list-style-type: none">• Heavy wear areas.• Continuous immersion.• Areas subjected to chemical attack.• Application over dark coloured surfaces.• Brush/roller application.
<u>APPLICATION METHOD:</u>	Airless and conventional spray only. Do not brush or roll.
<u>COVERAGE RATE:</u>	8m ² /litre (approximately). Number of coats: One (1)
<u>FILM BUILD:</u>	Thin film. Note: A Thin, even coating is required.
<u>THINNING/ Clean:</u>	Clean, potable water (not recommended for application).
<u>DRY TIMES:</u>	Touch dry: 60 minutes Recoat: 2 hours

DESCRIPTION: CRYSTAL SEAL overglaze for waterbased wall coating only

PROPERTIES / FEATURES:

- Crystal Seal is a solution acrylic (solvent based) glaze which is especially recommended for use in heavy wear and industrial areas, i.e. Commercial Kitchens.
- Non-yellowing. Good exterior durability.
- Good flexibility.
- Excellent soiling resistance.
- Total Solids Content: 18%, Volume Solids: 15%
- SG: 0.9 Kg/litre
- Colour: clear liquid
- Finish: full gloss
- Solvent: Solvent HA
- Minimum application temperature: + 10°C

SUGGESTED USES:

- Interior glaze for Situflex high build acrylic wall coatings.
- Exterior glaze for selected high build coatings.
- Reglazing concrete roof tiles.
- Glazing exposed aggregate.
- May be used as a surface finish sealer.

NOT RECOMMENDED:

- Areas subjected to chemical attack.
- Continuous immersion.
- Application to damp surfaces.

APPLICATION METHOD: Roll, Airless and conventional spray.

COVERAGE RATE: 6m² / litre (approx) one coat.
Number of coats – 1 or 2

THINNING: Ready for use. Solvent HA, although not recommended.

DRY TIMES: Touch Dry: 30 minutes
(20°C 50% RH) Recoat: 2 hours

CLEAN UP: Nuplex SOLVENT HA

CAUTION:

- Wear protective equipment.
- Ensure MSDS sheets are available on site.
- Contents flammable.