

**TECHNICAL DATA**

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## CRYSTAL SEAL

### Floor Sealer for Concrete

#### TYPICAL PROPERTIES/ FEATURES

Crystal Seal is a Clear, solvent based polymer supplied in a thin, ready to use form to ensure good penetration into the substrate. Crystal Seal possess excellent durability, toughness, water resistance and is non-yellowing.

Appearance: Medium satin to gloss finish depending on the absorbency of the substrate and the amount applied.

Caution: This does not give a thick, full gloss floor coating. It is a penetrating sealer giving a thin film.  
Solvent Based acrylic polymer.  
Dry time normally 30 minutes

#### SUGGESTED USES

Primary intention is for sealing Concrete Cobblestone Pavers and concrete floors.

For sealing fibrecement wall sheets before coatings or plasters where it functions as a rapid dry penetrating sealer.

For sealing all concrete surfaces prior to painting.

Dust control agent for concrete on commercial floors.

Enhance colour and protect aggregates in concrete pavers, Concrete cobblestones, Exposed aggregate, Architectural Terrazite and Terrazzo.

Reduces the incidence of mould growth by reducing moisture ingress into concrete surfaces.

Application over street/pavement pavers to enhance colour and cleanability.

Maintenance finish over Nuplex PAVSEEL (apply minimum 6 months after Pavseel application.).

Was also known as Solvent sealer.

#### NOT RECOMMENDED

It is not a primary waterproofing product.

Contact with strong chemicals

Application to overly damp substrates.

Application over concrete curing agents, retarders, etc

Application to some types of non-porous ceramic tiles (determine suitability by trial).

If high build, glossy and hard films are required. We recommend reading of our "Sealers-information – Sealers and Coatings for Concrete".

**Use Diamond seal for a higher film build and satin finish.**

**We recommend Revathane Polyurethane if glossy, hard, clear, hi-build floor coatings are required.**

**Use Terratuff for a hard-wearing , coloured epoxy floor coating.**

SUBSTRATE PREPARATION:	Ensure the substrate is clean, dry and free from other coatings, dust, oil and dirt. As Crystal sealer is a thin sealer, any marks left on the substrate / concrete will be even more visible once coated. Clear sealers accentuate floor marks. Sand, grind, shotblast, or acid etch as appropriate. The selection of floor preparation is important. Untreated, clean dry concrete is suitable for Crystal seal Ensure the surface is porous and free from any and all previous coatings or concrete additives.
APPLICATION METHOD	Apply from a paint tray without thinning by brush or roller. Take care to work with a wet edge to avoid roller marks and dry overlaps. Working out of the wind and out of direct sunlight will ensure the product is slower to dry and will give more working time. Do not overcoat until hard dry and able to be walked on. Do not flood coat or allow the product to "puddle". Do not pour onto to surface and attempt to spread from there.
COVERAGE RATE	Approximately 6-8m <sup>2</sup> /litre per coat. Two coats required to seal porous substrates. A maximum of two (2) coats is specified in any and all situations.
THINNING	Not recommended.
DRY TIMES	Recoat time - 30 minutes Dry Time - 30 - 60 minutes
CLEAN UP	Nuplex Solvent HA
CAUTION	Provide adequate ventilation when using in confined areas. Wear suitable respirator and protective clothing. Do not breathe vapours. Material Safety Data sheets are available on our website. Contents flammable.
SHELF LIFE	24 months in unopened containers.
PACKAGING	4lt, 20lt, 200 lt



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