

Data Sheet: Non Darkening Sealer

Description

- A clear 100% acrylic sealer dispersed in water and free of volatile organic solvents.
- Low odour, non-flammable and low toxicity. Excellent water and mildew resistance on porous surfaces.
- Used as a transparent sealer for porous surfaces prior to application of coatings. Also used as a non darkening sealer for concrete and concrete products such as cement render, mortars and grouts, fibro cement, etc.
- It is also suitable for sealing sandstone and other natural stone products against the ingress of water reducing mould and mildew discolouration.
- It is designed for application on to a wide variety of porous surfaces such as, brick, mortar, concrete, render, porous stone and bare timber. It is not required over sealed or previously painted surfaces.
- Effective on brickwork where Graffiti Magic often has no effect on the brick but can 'darken' the mortar.

Typical Properties

- Appearance
- Specific gravity
- Solids by weight
- UV Resistance
- Flammability
- Service temperature
- Shelf life

Typical Values

White Liquid
 1.02 – 1.04
 24 – 25%
 Excellent
 Water Based – Non flammable
 -20°C - 90°C
 12 months in original unopened container

Application Data

- | | |
|---------------------------|---|
| • Application temperature | Minimum 8°C - 30°C |
| • Open time | Approx 20 minutes @ 25°C |
| • Drying time | Touch dry in 1-2 hours depending conditions |

Spread Rate

Standard pack size of 5 litres or 20 litres = 10-12m² / litre depending on density of concrete surface.

Application

- Apply one good coat of Non Darkening Sealer over a clean, dry substrate - first ensuring that any brick acid/etch cleaner used has been thoroughly rinsed off.
- Application is by brush, spray or roller.
- Non Darkening Sealer is milky white when first applied but dries clear.
- For Non Darkening Sealer to work it is important that it be allowed to dry fully before applying any anti graffiti finishing coats. Allow at least 4 hours under good drying conditions, but preferably overnight.
- To test the effectiveness of Non Darkening Sealer we strongly recommend a small discrete trial application be carried out.

Important

Avoid using a paint brush when applying Non Darkening Sealer to surfaces subjected to efflorescence (i.e. salt deposits on cement substrates). Efflorescence can be difficult to detect on light coloured surfaces and will produce a milky effect on a clear finish if disturbed during application (i.e. by shear action of using a brush).

Roller or spray application is recommended where efflorescence may be present.

Advantages

- Water based: can be applied to damp surfaces.
- Adhesion: excellent adhesion to concrete and most common building surfaces.
- Excellent durability
- Resists mould and mildew discolouration.
- Water resistant: reduces water penetration on porous surfaces.
- Stain resistant: improved resistance to oil, petrol and mild chemical stains.