

SOLVENT BASED ACRYLIC CONCRETE SEALER

PREMIUM MATT SEALER

TECHNICAL DATA

1.0 DESCRIPTION

PREMIUM MATT SEALER is a high-quality solvent-based acrylic solution for use on concrete (natural and coloured), to seal the surface. It is a clear matt coating for all types of concrete, ceramic, masonry and stone surfaces. It seals against the ingress of moisture and contaminants and helps maintain the surface clean.

PREMIUM MATT SEALER is ideal for ground / polished concrete floors, exposed aggregate, imprinted (stamped) concrete drives, paths, stone tiles, etc. It imparts a soft touch feel to surfaces, making it the coating of choice for indoor and outdoor top-quality decorative concrete and garden ornaments.

PREMIUM MATT SEALER has good UV and weather resistance.

2.0 PHYSICAL PROPERTIES

2.1	Colour	Clear. Dries to a soft feel matt finish.
2.2	Specific Gravity	0.94
2.3	Flash Point	24°C. Flammable. Avoid all sources of ignition.
2.4	Viscosity	Low
2.5	Min. Application Temp.	5°C substrate temperature.
2.6	Toxicity	Poisonous. Contains aromatic hydrocarbon mixture including Xylene. Non-toxic when completely dry. MSDS available on request.
2.7	D.G. Classification	Class 3 (Resin Solution Flammable, UN 1866)
2.8	Shelf Life	Over 1 yr. in original sealed container.
2.9	Coverage	Exposed aggregate 6 m ² per litre. Broomed Surface 8 m ² per litre. Trowelled Surface 12 m ² per litre.

Coverage is approximate depending on surface porosity.

3.0 USES

PREMIUM MATT SEALER is used to put a clear matt glaze on concrete surfaces such as footpaths, driveways, lock-ups, garages, industrial floors, including exposed aggregate, where a single coat application is required.

PREMIUM MATT SEALER provides a weatherproof, stain resistant and dustproof sealer. It may be used to seal dusting and porous surfaces to help against further degradation.

PREMIUM MATT SEALER is formulated to enhance the beauty of concrete surfaces.

PREMIUM MATT SEALER is resistant to rain, sun, water and grease offering excellent durability with good colour retention and clarity. It is non-yellowing.

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TECHNICAL DATA (continued)

4.0 BENEFITS

PREMIUM MATT SEALER offers the following benefits and advantages:

- Dries to a clear low gloss matt finish and imparts a special soft touch feel to the surface coated.
- Beautifies concrete surfaces by darkening and highlighting the colour.
- Ideal for decorative concrete, masonry, ceramic and stone surfaces.
- Excellent for architectural structures and ornaments such as garden statues and feature walls.
- Single coat system (additional coats may be required depending on substrate porosity).
- Touch dry in 30 minutes. Can be opened to foot traffic in 4 hours (good drying conditions at 20°C).
- Resists weather, providing a clear, tough, easy to clean film.
- Will not yellow in exterior applications.
- Provides a dustproof and easy to clean surface.
- May be used on interior concrete surfaces (good ventilation required).

5.0 APPLICATION INSTRUCTIONS (read in conjunction with product label)

- 5.1 The surface to be treated must be clean and dry prior to application (i.e., uncoated and unsoiled). Stains, oil, grease and any other surface contaminants must be removed. Old stains not removed from the surface will be visible after the film dries.
- 5.2 Film-forming curing compounds, if present, must be removed before application of PREMIUM MATT SEALER. For new concrete, do not apply over evaporation retarders or curing compounds.
- 5.3 Do not apply to exterior surfaces if rain or dew is likely within 12 hours of application.
- 5.4 **IMPORTANT:** Stir PREMIUM MATT SEALER well before use. Use a broad flat stick, steel spatula or a drill with suitable attachment at low speed. Ensure that all settled pigment is scooped off the bottom and sides of the container and incorporated completely.
- 5.5 **New Concrete:** One coat of SAME DAY SEALER (see separate data sheet) should be applied as a first coat to new concrete after 24 hours. There must be no surface water and the concrete surface must not be marred by walking workmen. The concrete may still appear dark due to internal water. This helps retain this water and assist with hydration. Over time, the excess water will be lost by diffusion through the coating. The concrete will lighten in colour during this process (concrete containing calcium chloride will remain dark longer when covered with SAME DAY SEALER). Once the water has diffused out and the concrete has gone much lighter in colour (allow at least 14 days for this) a coat of PREMIUM MATT SEALER can then be applied.



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PREMIUM MATT SEALER

TECHNICAL DATA (continued)

APPLICATION INSTRUCTIONS (continued)

- 5.6 **Existing Concrete:** Very dense concrete surfaces should be 'deglazed' by washing with a dilute solution of hydrochloric or MISTIC Acid, thoroughly flushed with water and allowed to dry. The surface must be as dry as possible to permit maximum penetration of PREMIUM MATT SEALER.
- 5.7 Apply 1 coat of PREMIUM MATT SEALER as supplied at the proper coverage rate (depending upon surface absorbency). Use a solvent resistant roller (nap length dependent on surface roughness), brush or airless sprayer to apply. On aged concrete, a second coat may be applied after 4 hours of good drying conditions.
- 5.8 Allow at least 4 hours before opening treated areas to foot traffic, and a minimum of 12 hours before opening to wheeled traffic. Protect application from rain, water, dew, etc. until completely dry.
- 5.9 PREMIUM MATT SEALER may be applied as a final coat over SAME DAY SEALER, HARDCOAT, or SAME DAY SEALER SATIN to reduce the final gloss level and impart a soft touch feel to the surface.

Clean up with HARDCOAT Solvent or Xylene.

6.0 PRECAUTIONS

- 6.1 PREMIUM MATT SEALER will wear over time but can easily be overcoated as it is resolvable.
- 6.2 Do not apply PREMIUM MATT SEALER if the temperature of the substrate is below 5°C. For interior application, check drying time and if necessary, allow extra time before opening floor to traffic. Ensure good through ventilation (mechanical if required, but take precautionary measures against sparks) during and after application until completely dried.
- 6.3 Due to the surface variations inherent in concrete surfaces, test PREMIUM MATT SEALER before applying. Additives and fillers used in concrete may result in random variations in porosity, thereby affecting coverage and sheen levels. Additional coats may be required to provide proper surface treatment and give an even gloss level. Note that being a clear acrylic, PREMIUM MATT SEALER will darken surfaces to which it is applied, and the effect will be greater with additional coats.
- 6.4 Soft rubber tyres, such as forklift tyres, may mark PREMIUM MATT SEALER if allowed to skid on the treated surface. PREMIUM MATT SEALER is manufactured solely as a concrete sealer as per the information on this datasheet and the product label. It is not a waterproof coating and should not be used as such.
- 6.5 PREMIUM MATT SEALER contains a mixture of aromatic hydrocarbon solvents and must be treated with care. Use in well ventilated areas. Avoid excessive inhalation of fumes. Do not smoke. Keep containers sealed and away from ignition sources and heat. Wear protective clothing and avoid skin contact. If applied internally, the area must be well ventilated and if necessary, wear self-contained breathing apparatus.



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TECHNICAL DATA (continued)

PRECAUTIONS (continued)

6.6 If using fans for ventilation, ensure they are of a type that cannot generate sparks. Read and follow all details on the product label and safety label before use. Refer to Product Safety Data Sheet for complete handling and safety information.

7.0 PACKAGING

4 and 20 litres.



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