

# SOLVENT-BASED ACRYLIC CONCRETE SEALER

# SAME DAY SEALER

## TECHNICAL DATA

### 1.0 DESCRIPTION

SAME DAY SEALER is a single-coat solvent-based acrylic resin solution for use on concrete (normal and coloured), to seal the surface. It is used to put a clear glaze on ground/polished concrete floors, exposed aggregate, imprinted (stamped) concrete drives, paths, etc. It helps maintain the surface clean and prevent pigment leach-out. SAME DAY SEALER has good UV and weather resistance and may be applied to green concrete surfaces.

### 2.0 PHYSICAL PROPERTIES

2.1. Colour	Clear. Dries to a semi-gloss finish.
2.2. Specific Gravity	0.92
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 dry. MSDS available on request.
2.7. D.G. Classification	3
2.8. Shelf Life	Over 1 yr. in sealed container.
2.9. Coverage	Exposed Aggregate: 4m <sup>2</sup> per litre. Broomed Surface: 7m <sup>2</sup> per litre. Trowelled Surface: 12m <sup>2</sup> per litre. (Coverage is approximate depending on surface porosity)

### 3.0 USES

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

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

SAME DAY SEALER is formulated to enhance the beauty of concrete surfaces.

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

### 4.0 BENEFITS

SAME DAY SEALER offers the following benefits and advantages:

- Single coat system (additional coats may be required depending on substrate porosity and sheen requirements).
- Can be applied to green concrete after 24 hours. Helps concrete cure by retaining moisture.
- Touch dry in 30 minutes. Can be opened to foot traffic in 4 hours (external application with good drying conditions at 20°C).
- Resists weather, providing a clear, tough, easy to clean film.
- Contains a UV stabiliser to prevent yellowing in exterior applications.
- Provides a dustproof surface.
- Dries to a semi gloss sheen. An additional coat can be applied to increase sheen.
- May be used on internal concrete surfaces (good ventilation required).



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## TECHNICAL DATA Continued

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### 5.0 APPLICATION

- 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 SAME DAY SEALER. For new concrete, do not apply over evaporation retarders or curing compounds.
- 5.3. **New Concrete:** SAME DAY SEALER is suitable for application 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. SAME DAY SEALER helps to 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).
- 5.4. **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 SAME DAY SEALER.
- 5.5. In both cases above, do not apply externally if rain or dew likely within 12 hours of application.
- 5.6. Apply 1 coat of SAME DAY SEALER as supplied at the proper coverage rate (depending upon surface absorbency). Use a long nap solvent resistant roller, brush or airless sprayer to apply. If a second coat is required, allow at least 7 days of good drying conditions before application of the second coat.
- 5.7. 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.

Clean up with HARDCOAT Solvent or Xylene.

### 6.0 PRECAUTIONS

- 6.1. Avoid excess coating as the surface may become glossy, and therefore slippery in the wet. For better slip resistance, it is possible to broadcast dry, white silica sand onto the SAME DAY SEALER before it dries or incorporate slip-reducing additives into the SAME DAY SEALER during application (stir well regularly).
- 6.2. Being only a thin coating, SAME DAY SEALER will wear, but can easily be overcoated, as it is resolvable.
- 6.3. Do not apply SAME DAY SEALER if the temperature of the substrate is below 5°C. Check drying time if applied internally and allow extra time before opening floor to traffic. Ensure good through ventilation (mechanical if required - take precautionary measures against sparks, etc) during and after application until completely dried.
- 6.4. Due to the surface variations inherent to concrete surfaces, test SAME DAY SEALER before applying. Determine required sheen level by applying one or two coats before proceeding with complete application (observe drying requirements). 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. Note that being a clear acrylic, SAME DAY SEALER will darken surfaces to which it is applied, and the effect will be greater with additional coats.
- 6.5. Soft rubber tyres, such as forklift tyres, may mark SAME DAY SEALER if allowed to skid on the treated surface. SAME DAY SEALER is manufactured solely as a concrete sealer for horizontal applications per the information on this datasheet and the product label. It is not a waterproof coating and should not be used as such.
- 6.6. SAME DAY 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.

Refer to Material Safety Data Sheet for handling and first aid information.

### 7.0 PACKAGING

4, 20 and 200 litres.



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