

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 and masonry (natural 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. For extremely dense surfaces with little porosity, HARDCOAT is preferred.

2.0 PHYSICAL PROPERTIES

2.1. Colour	Clear and colourless.
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: 6m ² per litre. Broomed Surface: 8m ² per litre. Trowelled Surface: 12m ² per litre. (Coverage is approximate depending on surface porosity)

3.0 USES

SAME DAY SEALER is used to put a clear glaze on concrete and masonry 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 (but not waterproof), stain resistant and dustproof finish. 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.

SAME DAY SEALER

TECHNICAL DATA Continued

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).
- Prevents surface dusting of the concrete.
- Resists weather, providing a clear, tough, easy to clean film. Contains a UV stabiliser to prevent yellowing in exterior applications.
- Dries to a semi gloss sheen depending on surface roughness. Additional coats increase gloss. A full gloss finish can be achieved if desired.
- May be used on interior concrete surfaces (good ventilation required).

5.0 APPLICATION INSTRUCTIONS

- 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. 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 product must not be over-applied. 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). Do not apply a second coat until the concrete has lost its water as evidenced by becoming lighter in colour. Do not cover the concrete during this process.
- 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 outdoors 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). A single coat dries to a semi gloss finish depending on the roughness of the surface to which it is applied. Additional coats increase the gloss level. A full gloss can be achieved if desired. A satin finish may be achieved by applying a final coat of SAME DAY SEALER SATIN.



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SAME DAY SEALER

TECHNICAL DATA Continued

5.0 APPLICATION INSTRUCTIONS (continued)

- 5.7. Always test the SAME DAY SEALER as per step 6.1 before proceeding. Apply one coat as supplied. Use a solvent resistant roller (long nap for very rough surfaces such as exposed aggregate), brush or airless sprayer to apply. Allow to dry and assess whether the finish is as desired. If deemed necessary, apply a second coat, allow to dry and reassess. Two thin coats will give superior performance to one thick coat. **Beware of over-application as it may result in reduced ability to allow water vapour to diffuse out of the concrete and lead to blushing or blooming.** If applying by roller, use a brush to "mop up" excess material in grooves, pores and other imperfections. Do not allow excess material to pool.
- 5.8. **Application of additional coats:** When applied to green/new concrete, if a second coat is required, allow at least 14 days of good drying conditions before application of the second coat. When applied to existing concrete, the first coat must be completely dry before application of the second coat. Usually 12 hours is sufficient under good drying conditions (warm weather and air movement).
- 5.9. 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. Due to the surface variations inherent in concrete surfaces, slate and masonry products, **applicator must test SAME DAY SEALER in a small inconspicuous area before proceeding with full application** to determine if suitable for the particular application and/or our information is applicable in a particular circumstance. Specifier and user shall determine suitability for a specific application and assume all responsibilities in connection therewith. Determine required sheen level and sealing effectiveness by applying one, two or more coats before proceeding with complete application. Substrate composition may result in random variations in porosity, thereby affecting coverage, sheen levels and sealing effectiveness. Coverage rates must be adjusted to compensate for the resulting penetration. Additional coats may be required to provide effective sealing. 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. Uneven substrate composition or colour will not be rectified by applying SAME DAY SEALER to the surface.
- 6.2. 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).



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TECHNICAL DATA Continued

6.0 PRECAUTIONS (continued)

- 6.3. Being only a thin coating, SAME DAY SEALER will wear, but can easily be overcoated, as it is resoluble. Wear rate will depend on the substrate and type of traffic. For vehicle traffic, SAME DAY SEALER will wear more quickly, especially in areas where wheels turn or where traffic is restricted to one location (such as a driveway) and where forklifts operate. For flooring applications, any items dragged across the SAME DAY SEALER surface will cause the surface to be scratched and wear more quickly. Before repairing damaged areas or overcoating with more SAME DAY SEALER, clean thoroughly and allow to dry.
- 6.4. Do not apply SAME DAY SEALER if the temperature of the substrate is below 5°C. Substrate temperature must be 3°C above the dew point. Check drying time if applied internally and allow extra time before opening floor to traffic. Ensure good through ventilation (flame proof mechanical if required) during and after application until completely dried. Protect from rain, moisture, etc. until each coat is completely dry. For porous and/or coloured surfaces, protect from water contact until all the required coats have been applied and dried completely. Do not apply if rain or dew is likely within 12 hours of completion of application.
- 6.5. SAME DAY SEALER is not a waterproof membrane and is not to be used as such.
- 6.6. 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.
- 6.7. SAME DAY SEALER contains a mixture of aromatic hydrocarbon solvents and must be treated with care. Use in well ventilated areas. Avoid inhalation of fumes. Highly flammable - do not smoke. Keep containers sealed and away from ignition sources and heat. Wear protective clothing and avoid skin contact. If applied indoors, the area must be well ventilated and if necessary, wear self-contained breathing apparatus. If using fans for ventilation, ensure they are of a type that cannot generate sparks. Read and follow all instructions on the product label and safety label before use.

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

7.0 PACKAGING

4, 20 and 200 litre containers.



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