

# SOLVENT BASED ACRYLIC CONCRETE SEALER

# SAME DAY SEALER TEXTURED

## TECHNICAL DATA

### 1.0 DESCRIPTION

SAME DAY SEALER TEXTURED is a single-coat solvent-based acrylic resin solution for use on concrete (normal and coloured - see precautions), in trafficked areas to seal the surface and put a clear, gritty (textured) glaze on ground or polished concrete floors, drives, paths, etc. where slipperiness in the wet may pose a problem. SAME DAY SEALER TEXTURED has a much higher coefficient of friction than standard SAME DAY SEALER, while still helping to maintain the surface clean and prevent pigment leach-out.

SAME DAY SEALER TEXTURED has excellent UV and weather resistance.

### 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 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	Coefficient of friction	See Section 4 (Benefits).
2.10	Coverage	10 – 12 m <sup>2</sup> per litre per coat (trowelled or honed surface).

Coverage is approximate depending on surface porosity. Note that normally SAME DAY SEALER TEXTURED is not required for rough surfaces or exposed aggregate, which have inherently good slip resistance.

### 3.0 USES

SAME DAY SEALER TEXTURED is used to put a clear, gritty non-slip glaze on concrete and masonry surfaces such as footpaths, driveways, lock-ups, garages, industrial floors, or any trafficked masonry surface where slip resistance could pose a problem if using a standard sealer, especially in the wet.

SAME DAY SEALER TEXTURED provides a weatherproof (but not waterproof), stain resistant and dustproof sealer with improved slip resistance over normal sealers. It may be used to seal dusting and porous surfaces to help against further degradation. SAME DAY SEALER TEXTURED is formulated to enhance the beauty of concrete surfaces.

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

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## TECHNICAL DATA (continued)

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### 4.0 BENEFITS

SAME DAY SEALER TEXTURED offers the following benefits and advantages:

- Touch dry in 30 minutes. Can be opened to foot traffic in 2 to 3 hours (exterior application with good drying conditions at 20 °C - one coat applications). Additional coats must be allowed to dry completely, approximately 12 hours under good drying conditions before being opened to traffic.
- Highly weather resistant, providing a clear, tough, easy to clean film with a transparent grit to minimise slipperiness, especially in the wet.
- Excellent UV stability to prevent yellowing in exterior applications.
- Provides a dustproof and slip resistant surface.
- Dries to a semi-gloss sheen depending on surface roughness. Additional coats increase gloss (up to 2 coats in total). A full gloss can be achieved if desired but will also increase the texture. If a high texture is not desired, it is best to first apply a coat of standard SAME DAY SEALER.
- May be used on interior concrete surfaces (good ventilation required).
- Is much less slippery than standard sealers, especially in the wet. Two coats of SAME DAY SEALER TEXTURED will provide better slip resistance than one coat. Determine the required number of coats and the desired finish by carrying out a trial in a small inconspicuous area. SAME DAY SEALER TEXTURED may also be applied over existing standard SAME DAY SEALER or HARDCOAT to increase slip resistance.

### 5.0 IMPORTANT INFORMATION (read before starting application)

This data sheet provides instructions and details based on an assumption that the substrate is fit-for-purpose and free from defects and conditions that might impact the application or performance of the coating over time. For further details on this, please read the **"Stratmore Guide to Sealing Concrete"** available for download from our website.

Concrete is a porous material. Water can enter concrete by many different routes such as from rain, ground water run-off, below ground water, etc. When water enters concrete, it escapes through the pores and capillaries at different rates depending on the porosity of the concrete, the temperature, wind conditions, whether the water is transient (such as rain) or permanent (such as below ground water table), etc. Concrete that appears dry at the surface may be saturated with water further into the substrate. Applying a concrete sealer to concrete that contains excess moisture (water), depending on how thickly the sealer is applied (and the number of coats), significantly reduces or stops water vapour from being able to escape through the top (sealed) surface of the concrete. This can lead to failure of the coating, including discolouration (white/cloudy appearance or blushing), delamination (the sealer comes away from the surface), reduced service life, etc. It is therefore important to read all precautions under section 6 before starting application.



The information contained in this data sheet, is to the best of our knowledge accurate and any recommendations or suggestions which may be made are without liability on our part, since the conditions of use are beyond our control. Users are urged to make their own assessment of our products under their own conditions and for their own requirements. Stratmore Construction Solutions Limited reserves the right to alter formulations without notice. Properties as stated were determined under controlled laboratory conditions. This data sheet may be updated without notice. Please ensure you have the latest copy. If you are a customer, then any contract with you is in accordance with our latest terms and conditions, which are available to download from our website. Where goods are acquired for business purposes, Parts 1 to 4 of the Consumers Guarantee Act 1993 will not apply. To the maximum extent permitted by law, we have no liability (whether statutory, in contract or tort, including negligence) to buyers, users or specifiers of our products for any physical, direct or indirect damage, economic loss or any other loss or costs caused or contributed by us or any of our agents or employees in respect of any goods or services supplied. Also to the maximum extent permitted by law, all conditions and warranties expressed or implied by statute or common law, equity, trade custom or usage or otherwise howsoever are excluded. If, notwithstanding the foregoing, Stratmore Construction Solutions Limited is found to have any liability, then it is agreed that the liability is nevertheless limited to the price of the relevant goods or services purchased from us.

# SAME DAY SEALER TEXTURED

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## TECHNICAL DATA (continued)

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### 6.0 PRECAUTIONS

The following precautions are provided to guide the applicator/specifier where ideal conditions may not exist. We strongly recommend determining both the substrate moisture levels and performing a test for suitability as detailed below prior to starting the project application.

#### Determining Substrate Moisture

6.1 Before coating concrete or other suitable substrates, it is vital that you establish how much moisture it contains. The “**Stratmore Guide to Sealing Concrete**” (available for download from our website), lists methods and ways to determine how much moisture may be in the substrate. We strongly recommend that the applicator and/or specifier reads this document **before** starting application. Problems with the application of SAME DAY SEALER TEXTURED associated with excess moisture (as noted above and detailed in the guide) are not a product performance related issue and must be addressed by the applicator/specifier.

#### Performing a Test Application

- 6.2 Due to the surface variations inherent in concrete surfaces, slate and masonry products, **applicator must test SAME DAY SEALER TEXTURED 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. Where moisture may be an issue, monitor the test area for as long as practicable prior to starting the project application. Specifier and user shall determine suitability for a specific application and assume all responsibilities in connection therewith.
- 6.3 Determine required sheen level, amount of texturing and sealing effectiveness by applying one, two or up to three coats (a three-coat application shall consist of one coat HARDCOAT and two coats SAME DAY SEALER TEXTURED) 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. Note that being a clear acrylic, SAME DAY SEALER TEXTURED 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 TEXTURED to the surface.

#### Application Temperature

6.4 Do not apply SAME DAY SEALER TEXTURED 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 indoors 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.



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## TECHNICAL DATA (continued)

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### 6.0 PRECAUTIONS (continued)

#### Wear & Recoating

6.5 SAME DAY SEALER TEXTURED will wear and the texturing may slowly be diminished, but it can easily be overcoated. Wear rate will depend on the substrate and type of traffic. For vehicle traffic, SAME DAY SEALER TEXTURED will wear more quickly, especially in areas where wheels turn or where traffic is restricted to one location (such as a driveway or entranceway) and where forklifts operate. For flooring applications, any items dragged across the SAME DAY SEALER TEXTURED surface will cause the surface to be scratched and wear more quickly. Before repairing damaged areas or overcoating with more SAME DAY SEALER TEXTURED, clean thoroughly and allow to dry. When recoating, perform a test application per section 6.2 and do not exceed three coats in total (taking into account the existing coating and new coating). Also refer section 7 Application as this section also applies to recoating an existing application.

Soft rubber tyres, such as forklift tyres, may mark SAME DAY SEALER TEXTURED if allowed to skid on the treated surface.

#### General Precautions

6.6 SAME DAY SEALER TEXTURED is not a waterproof membrane and is not to be used as a sealer in structures containing water.

6.7 SAME DAY SEALER TEXTURED contains a mixture of aromatic hydrocarbon solvents and must be handled 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 details on the product label and safety label before use. Refer to Product Safety Data Sheet for complete handling and safety information.



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## TECHNICAL DATA (continued)

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### 7.0 APPLICATION INSTRUCTIONS (read in conjunction with product label)

- 7.1 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 or coatings must be removed. Old stains not removed from the surface will be visible after the film dries and difficult to remove as they will be trapped under the coating. For new concrete, do not apply over evaporation retarders or curing compounds.
- 7.2 **New concrete:** SAME DAY SEALER TEXTURED 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. **Apply only a thin coating – the product must not be over-applied.** The concrete may still appear dark due to internal water. SAME DAY SEALER TEXTURED helps to retain this water and assist with hydration. Over time, 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 darker longer when covered with SAME DAY SEALER TEXTURED). 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.
- 7.3 **Existing concrete:** Very dense concrete surfaces should be 'deglazed' by washing with a dilute solution of Hydrochloric or MISTIC Acid, washed thoroughly to remove all acid and allowed to dry. SAME DAY SEALER TEXTURED is not suitable for application to non-porous surfaces, including glazed surfaces such as ceramic tiles, where it cannot penetrate the substrate. The surface must be as dry as possible to permit maximum penetration of SAME DAY SEALER TEXTURED. Do not apply outdoors if rain or dew is likely within 12 hours of application. Wet or damp substrates or substrates with excessive moisture content (see section 6.0) or exposure to rain or dew can cause adhesion problems or discolouration (white or cloudy appearance).
- 7.4 Read and follow the instructions under section 6.0 before proceeding with application.
- 7.5 **Stir SAME DAY SEALER TEXTURED well, before and during use.** Recommended application is by short (5mm) nap solvent resistant roller and tray, ensuring there is no clumping of the texturing. Check especially on the edges of the roller strokes and overlap well. Do not use a longer nap roller as it may accumulate texturing within the nap, causing random excessive texturing in some areas during application. The ideal finish is obtained when the texturing appears completely random. It is recommended to apply in one direction and finish off at right angles. Brush application is only suitable for small areas and should be carried out with due care and skill, so as not to leave a "streaked" pattern with alignment of the texturing particles. SAME DAY SEALER TEXTURED may not be applied by spray.
- 7.6 Read and follow the instructions under section 6.0 before proceeding with application. Apply one coat of SAME DAY SEALER TEXTURED as supplied, allow to dry and determine if a second coat is required. This will depend on surface absorbency, sheen and slip-resistance requirements. An additional coat will increase the gloss while increasing the texture and slip resistance. If a less textured appearance is required, the first coat should be standard SAME DAY SEALER. Apply any additional coat to the test area first and allow to dry completely, then check if resulting appearance is acceptable.



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## TECHNICAL DATA (continued)

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### 7.0 APPLICATION INSTRUCTIONS (continued)

7.7 **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). **DO NOT** apply more than 2 coats in total.

7.8 Finished application must be completely dry before opening to foot or vehicle traffic. This is a minimum of 12 hours from application of the last coat, preferably overnight. Protect application from rain, water, dew, etc. until completely dry.

Clean up with HARDCOAT Solvent or Xylene.

### 8.0 PACKAGING

4 and 20 litres.



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