

LUSTRESEAL ACRYLIC SEALERReference: tdacseal
Date: 26.03.07
Page 1 of 3**For Professional Use Only**

Product Code	ACR size
Packaging	5L can, 20L cans, 200L drums
Description	Water white liquid with a pungent smell
Use	Lustre Seal Acrylic Sealer provides a clear glossy film to protect Stampcrete, Stencilcrete, Covacrete and exposed aggregate and can be applied to most concrete surfaces. Lustre Seal Acrylic Sealer seals and helps protect the substrate from ingress of dirt and grime. It also helps protect the substrate from weathering.



Application New Concrete: Ensure concrete is sufficiently cured (recommended minimum 14 days) is clean and free of grease and oil. Remove any loosely bound cement and laitence by acid etching with hydrochloric acid diluted 15 parts water to 1 part acid. Then pressure clean at 3000 psi. This process will also provide a better surface for adhesion, allow to thoroughly dry prior to sealing.

Old Concrete: Requires cleaning to remove any substance which could affect adhesion, eg. Paint, algae, mildew, mould, oil or grease must be removed. After the above, wash down area using General Purpose Cleaner, acid etch with hydrochloric acid diluted in 10 parts water to 1 part acid. Then pressure clean using clean water at 3000psi. Allow to thoroughly dry prior to sealing.

Dry Test: Place a piece of plastic over a small area, tape the edges and leave for 1 hr. Remove plastic, if there is no moisture on either surface, concrete is sufficiently dry for sealing.

It is preferable to prime coat the surface first with Lustre Seal Super Bond and leave to dry for a minimum of 24-48 hrs. If Super Bond is not used, the first coat of Acrylic Sealer should be diluted by up to 50% with Lustre Seal Solvent.

Lustre Seal Acrylic Sealer can be applied by suitable soft broom or lambswool roller.

The sealer is normally applied in two (2) coats making sure that the film build is sufficient to provide the performance and durability required. To obtain a lower slip factor it is advisable to use the appropriate CPA Slip Resistant Additive with the sealer for better grip under adverse conditions. For further information refer to application sheets for relevant system

Usage Rate 1 x 20 litre drum covers approximately 60 square metres (two coats) depending on the porosity of the concrete.



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Specifications

Solids (PBW)	24% plus or minus 1%
UV Light	Very good resistance
Thinning	Lustre Seal Solvent
Recommended Film Build	100 microns
Application Rate	6-8m ² /litre per coat
Appearance	Water White
Film Build Wet	400 microns

50 micron dry film cured for 28 days at 25 degrees Celsius before testing with 1 hour soak.

Acid	10% Hydrochloric acid - no visual effect
Alkali	1% Caustic Soda - no visual effect
Mineral Turpentine	Slight softening - reharden 8 hrs
Petrol Regular Unleaded	Very slight softening - reharden 1 hr
Methylated spirits	Causes white discolouration - easily removed with Solvent
Water	No visual effect
Chlorine (Sodium Hydrochloric)	5% No visual effect
Salt (Sodium Chloride)	No visual effect
Laundry powder 1% Tide	No visual effect
Brake fluid	Softening and slight dulling - immediately clean with Solvent
Hydraulic fluid	No visual effect
Kerosene	No visual effect

Features

Ease of application, fast drying and film clarity. Readily maintained with Lustre Seal Super Bond, (refer to resealing procedure).

Limitations

Not for food preparation areas. Not a water proofing membrane. It is not recommended to seal at extreme temperatures, that is below 8°C and above 30°C.

Precautions

Not for food preparation areas. Not a water proofing membrane. It is not recommended to seal at extreme temperatures, that is below 8°C and above 30°C.

Highly flammable, therefore, use in a well ventilated area. Mask, gloves, goggles and other protective clothing must be worn. Before using, read Material Safety Data Sheets on this product.

After sealing it is recommended that the sealed surface be protected from:
Foot traffic for a minimum of 48hrs
Vehicle traffic for a minimum of 72hrs

The time depends on weather conditions, coating thickness etc. Therefore, check suitability before allowing traffic.

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