

Clear primer for solvent based concrete sealers

Advantages

- Enhances adhesion of the sealer top coat.
- Can be used on freshly laid concrete as a protective coating until topcoat sealer is applied.
- As a primer for coloured sealers, Avista Sealer Primer can be tinted with 1L Avista Sealer Colour Tint.

Uses

Avista Sealer Primer is a prime coat sealer for stamped, stencil, coloured and plain concrete and for resealing resurfaced areas. Can be applied to most concrete or cementitious surfaces. It is not to be used on **new** resurfaced concrete.

Properties

Solids (PBW):	20 ± 1%
UV Light:	Very good resistance
VOC Content:	728 gms per litre
Thinning:	Avista Solvent
Recommend Film Build:	10 microns
Application Rate:	approx. 3-5 m ² / litre/ coat

Application Instructions for freshly laid concrete

Freshly laid concrete can be primed with Avista Concrete Sealer Primer, however, the surface needs to be sufficiently dry and firm enough to walk on without marking and no free water must be present.

Apply one coat of Avista Sealer Primer with a solvent resistant broom, roller or suitable sprayer.

After a minimum of 14 days, the surface can be sealed following the application instructions below.

Application Instructions for Unsealed Concrete (new cured - at least 14 days old and old concrete)

Do not apply to concrete if it has a patchy appearance.

Cleaning

- Concrete is to be clean and free of grease, oil, paint or any curing agent. Stiff broom and general purpose cleaner recommended.
- Pressure clean surface at minimum 2000 psi and allow to dry.
- Acid etch with hydrochloric acid. Dilute approx 20 parts water to 1 part acid (depending on porosity) to remove any loosely bound cement and laitence.
NOTE: smooth concrete will require a higher acid

content. Maximum strength - 10 parts water to 1 part acid.

- Apply diluted acid to surface using a large head watering can, applying in a criss cross motion (approximately 5-10m² sections). Acid will start to fizz on the surface once it starts to react with the laitence in the concrete.
- Pressure clean immediately to clean and remove all remnants of acid (do not allow acid to dry on surface). Pressure clean at minimum 2000 psi.
- Allow surface to dry. Refer to Dry Test.

Application

- Apply one coat of Avista Sealer Primer with a solvent resistant broom, roller or suitable sprayer.
- Leave to dry for a minimum of 2 hours before overcoating with an Avista solvent based sealer.

Application Instructions for Sealed Concrete

If the surface has been sealed more than 2 years ago, a cross hatch test should be done to check whether the existing sealer is suitable to be resealed over.

Cross Hatch Test.

- Use a sharp blade to create a light "cross-hatch" incision through the sealer.
- Place a piece of self adhesive tape (suggest clear packing tape) over the incision.
- Press firmly for maximum adhesion and remove sharply. Repeat with fresh tape several times.

If sealer is present on the tape, it is advised the sealer be completely stripped from surface. **Seek professional contractors should stripping be required.**

If there is no sign of sealer adhering to the tape or delaminating from the surface, this would indicate that the bond of the existing sealer is sufficient for resealing.

IMPORTANT NOTE: if current sealer shows signs of whitening or blooming, regardless of cross hatch test results, sealer may need to be stripped completely from the surface. Whitening may reoccur if new coat of sealer is applied over this problem.

Cleaning

- Concrete is to be clean and free of grease and oil. Stiff broom and general purpose cleaner recommended.
- Pressure clean at minimum 2000 psi to clean and remove all contaminants. Allow surface to dry. Refer to Dry Test.

Sealer activation

- If the existing sealer on the surface is more than 2 years

Avista Concrete Sealer Primer



old, solvent should be used to help reactivate the existing sealer. Apply Avista Solvent to the surface to be resealed using a roller and roller tray. The Solvent will create a key for the primer to bond to the surface.

- **NOTE:** If resealing a resurfaced area, care must be taken to **not** apply too much solvent as it may soften the resurfacing product.

Application

- Apply one coat of Avista Sealer Primer with a solvent resistant broom, roller or suitable sprayer.
- Leave to dry for a minimum of 2 hours before overcoating with an Avista solvent based sealer.

Drying time

Drying time of 2 hours when applied at 25°C and above at 50% relative humidity. Recoat times will be longer in cooler weather (<25°C) or higher humidity.

Do not apply primer at temperatures below 8°C or above 35°C.

Important

After priming it is recommended that the surface be protected from:

- Rain/water/sprinkler systems for minimum 6 hours
- Foot traffic for a minimum of 24 hours
- Vehicle traffic prior to sealer top coat application. The time depends on weather conditions and coating thickness, therefore, check suitability before allowing traffic.
- The Avista Sealer Primer must be overcoated with a topcoat of an Avista solvent based sealer.

Dry Test

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

Limitations

- Not to be used on **new** resurfaced concrete as slow evaporative solvent may soften product.

- Do not prime if rain is likely.
- Do not apply over painted surfaces. Paint removal required.
- Not for food preparation areas.
- Not a waterproofing membrane.
- Not recommended to seal at extreme temperatures below 8°C and above 35°C.
- Not to be used as a final sealer.

Supply

178010/FD278010-4L	AVS SEALER PRIMER 4L
178011/FD28010-20L	AVS SEALER PRIMER 20L
178012/FD278010-200L	AVS SEALER PRIMER 200L

Coverage

Covers approximately 3 to 5m² per litre per coat depending on the porosity of the concrete.

Storage Conditions

Store in cool, dry area in unopened container. Highly flammable liquid, store appropriately. Refer SDS.

Cleaning

Clean up with Avista Solvent.

Safety

Recommended PPE:

- Organic vapour respirator mask
- Solvent resistant gloves
- Safety eye wear
- Appropriate foot wear

Important notice

A Safety Data Sheet (SDS) and Technical Data Sheet (TDS) are available from the Avista website or upon request from the nearest Parchem sales office. Read the SDS and TDS carefully prior to use as application or performance data may change from time to time. In emergency, contact any Poisons Information Centre (phone 13 11 26 within Australia) or a doctor for advice.

Product disclaimer

This Technical Data Sheet (TDS) summarises our best knowledge of the product, including how to use and apply the product based on the information available at the time. You should read this TDS carefully and consider the information in the context of how the product will be used, including in conjunction with any other product and the type of surfaces to, and the manner in which, the product will be applied. Our responsibility for products sold is subject to our standard terms and conditions of sale. Parchem does not accept any liability either directly or indirectly for any losses suffered in connection with the use or application of the product whether or not in accordance with any advice, specification, recommendation or information given by it.

