DATA SHEET

800W CONCRETE SEALER

WATER BASED

DESCRIPTION

800W Water Based Sealer is a single pack water-based acrylic, self-cross-linking coating, designed to penetrate and adhere to concrete surfaces to produce a clear low sheen coating. 800W is solvent-free and does not have the flammable or VOC hazards of conventional solvent-based products. It is best used to reduce the dusting of concrete.

PRODUCT INFORMATION

Shelf Life	2 years. Store in a cool, dry area out of direct sunlight.
Coverage	8-10m2/L, depending on the method of application and porosity of the surface.
Clean Up	Clean tools with water while still wet and discard rollers and brushes
Tack Free Time	20-40 minutes - Depending on the weather.
Return to Service	**Foot Traffic:** 4 hours or tack-free. **Vehicle Traffic:** 24 horus

RECOMMENDED USES

- Residential driveways
- Residential pathways
- Dust proofing for industrial sheds

FEATURES & BENEFITS

- Hardwearing
- Abrasion resistance
- Suitable for interior and exterior coatings.
- Water based
- Easy to apply and fast drying
- No solvent fumes or flammable hazards
- Can be sprayed, brushed or applied by roller.

ENVIRONMENTAL CONDITIONS

Temperature and the surrounding atmospheric conditions will play a part in the curing process.

Attention also needs to be paid to the substrate temperature which should be at least 10°C and preferably below 30°C. High humidity will slow the curing process down.
Industry standards recommend the accurate recording of times and dates, batch numbers, consumption rates, and environmental conditions including the substrate and air temperatures, humidity levels, and dew point readings during both the application and curing process. Full material warranties cannot be provided unless all the relevant data has been recorded accurately.

SURFACE PREPARATION

- Ensure the concrete is sufficiently cured to the recommended minimum of 7 days from completion.
- The surfaces must be clean, dry, and free from all traces of loose material, old coatings, curing compounds, release agents, laitance, oil, and grease, etc. This must be completed by pressure washing.
- To check that all traces of oil and other contaminants have been completely removed, sprinkle a few drops of water over the surface. If all water is quickly absorbed, the surface is sufficiently oil and grease-free.
- If water forms into globules that remain on the surface, further thorough treatment of the substrate is necessary.
- Repair and fill cracks with EPO100EP Epoxy Putty or Concrete Repair Kit.

PRODUCT APPLICATION

Using a roller, brush or low-pressure spray equipment apply 2 coats of Water Based Clear Sealer for optimum effect.
Top Coats

- For best results, the sealer should be applied in a minimum of 2 coats when rolled, if sprayed 3 coats is necessary. Ensuring the sealer is completely dry between coats.

Refer to individual SDS and Installation Instructions for system specifications and recommended PPE.

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PRODUCT APPLICATION CONTINUED

Application Instructions for Sealed Concrete

Testing

Cross Hatch Test is required. This simple test should be used to ascertain whether the existing sealer is suitable to be resealed over.

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

If the sealer is present on the tape, it is advised sealer be completely stripped from the 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. Resealing Resurfaced concrete.

The first coat of 800W should be left to dry for a minimum of 1 hour.

For further instructions, consult the All Purpose Coatings Installation Instruction documentation, located on the website.

OPTIONAL SLIP RESISTANCE

Glass: Broadcast 1 kg per 20m2 between 800W Concrete Sealer top-coats. Suited for wet or external areas, not suited for internal garages; cannot be mopped with the glass.

CAUTIONS

- Application must not be too thick, as excessive build up may cause the coating to appear milky when subjected to pooling. This effect will disappear when the coating dries completely.
- Concrete Sealer should be applied in the cool of the afternoon to avoid expansion of the concrete which will result in bubbling or other adverse reactions.
- Do not apply to concrete if it has a patchy appearance.
- If the previous sealer shows signs of whitening or blooming, regardless of cross-hatch test results, the sealer may need to be stripped completely from the surface. Whitening may recur if a new coat of sealer is applied over this existing problem.
- Spills, including water should be cleaned up as soon as possible.

PHYSICAL PROPERTIES

Appearance/colour	Translucent White
Flammability	None
Chemical Resistance	Oil, grease and alkalis

In an emergency, contact the Poisons Information Centre on 13 11 26 or a doctor for advice.
IF THE SITUATION IS LIFE THREATENING, DIAL 000 IMMEDIATELY.

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