



Description

Miraseal PS WB is a fluoro-resin impregnating agent dispersed as a microemulsion in water.

Miraseal PS WB is environmentally friendly, clear-drying, fluoro-acrylic modified, designed for the protection of new or old concrete.

It has almost zero VOC and provides exceptional stainproofing & waterproofing to new or old concrete.

Miraseal PS WB is used to waterproof & stainproof concrete viz., screeded, coloured, stenciled, and pavers from commonly encountered contamination, eg vegetable, mineral oils, coffee, tea. Miraseal PS WB also functions well on terracotta and other unglazed clays used for flooring, driveways etc. Miraseal PS WB can also be used to sealing natural and synthetic stone, adobe bricks, straw reinforced clay plasters to assist weatherability of the surface.

Miraseal PS WB does not adversely affect the substrate's visual appearance, physical characteristics, surface traction quality, or surface bond quality which means that Miraseal PS WB can effectively be used to enhance the stain resistance any cement based concrete installation, whether traffic-bearing or otherwise.

It is NOT AFTER TRADES FRIENDLY and should not be used if the surface is to have line-marking etc applied.

Advantages

- Significant reduction of water adsorption.
- Significant reduction of oil adsorption.
- Significant reduction of water borne dirt accumulation.
- Reduction of frost damage.
- Significant reduction of mildew, moss, and lichen growth.
- Restored thermal properties.
- Antigrffiti properties.
- Does not impart the "wet look" to treated surfaces or contribute to surface gloss (when correctly applied).

Substrate

The proposed surface to be treated must be dry, unsealed, clean of mortar etc and of a porous nature. Listed below are the substrates successfully treated with a guide of the expected coverage when applied to achieve maximum performance;

Coverage

Concrete Pavement	1 - 4 m ² /litre
Natural stone (including sandstone)	2 - 4 m ² /litre
Marble, Limestone, Coral Stone	2 - 4 m ² /litre
Clay brick walls	2 - 4 m ² /litre
Terracotta tiles	1 - 3 m ² /litre
Slate	1 - 4 m ² /litre
Clay Plasters	1 - 2 m ² /litre

Remember these figures are a guide only, each individual substrate can give different results. Substrate saturation is

essential to give good quality results.

Surface Preparation

It is essential that all surfaces to be impregnated should be dry, unsealed*, clean of mortar and free from dust, paint, plaster etc. and of a porous nature. Any cracks larger than 0.3mm will not be "bridged" and consideration given as whether they should be regouted prior to commencement of the treatment. At least 6 hours rain free drying time is required after application.

* Do the water test. Dip your finger into a glass of water and from a height of approx 100mm allow 2 drops of water to land together on the concrete. Wait for approx 60-90 secs to see if the water penetrates in that time (no exceptions). If not, there is a probability of presence of some type of curing or pre-seal compound on the concrete which will reduce the effectiveness of the treatment if not removed.

Directions for use

Before commencing shake the drum to ensure no separation of the resin has occurred. Good technique is a "must" for good results. The substrate to be treated should be flooded using a low pressure spray only (an airless spray or compressed air sprayer operating with no air pressure at the gun tip.) High-pressure sprays should be avoided as this dilutes the amount of product used and actually reduces the amount of material on the substrate, reducing efficiency and efficacy of the treatment.

If the work has to be carried out in windy conditions, make sure the spray is not carried to areas that could be affected such as windows etc. For work carried out around glass or raw aluminum it is best to mask up or use a board as a barrier.

Miraseal PS WB will etch glass and raw aluminum.

Caution

Miraseal PS WB cannot be used as a primer on any surface; it is a finished treatment. Application of any film forming product over Miraseal PS WB will result in delamination (peeling) of that finish. Use in exterior and public area applications should be supported with regular cleaning maintenance including re-application as required depending on final usage.

Clean Up

Equipment should be washed in water while wet or in solvent based cleaner when dry.

After care

Soiling of the surface should be removed at the earliest possible time to reduce the likelihood of accident.

Use only a dilute solution of a pH neutral detergent and warm (not hot) water to remove any spills from the treated surface. Wine spills should be diluted with water & removed by absorbing into a cloth, no longer than 8 hours after the spill.

Caution: Use of strong solvents, solvent based cleaners or highly alkaline or acidic detergents may compromise the treatment.



Storage

If stored in a cool dry place with the cap firmly secured the expected shelf life of Miraseal PS WB is 12 months from manufacture date.

Safety

Wear personal protection consisting of goggles, gloves and a face mask during application. Do not atomise, use a low pressure, low air dilution spray system. Avoid contact with skin or eyes. Wash skin thoroughly with soap and water if splashed onto exposed areas. Cover glass and any and other surfaces which may be splashed.

Refer to Material Safety Data Sheet for precautions and personal protection.

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