

ALDRIDGE

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High Performance Membranes

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HPM-PS40

Solventborne Water Repellent, Penetrating Sealer for Concrete.

DESCRIPTION

HPM-PS40 is a solventborne, water repellent, penetrating sealer designed to protect and treat masonry and cementitious structures for the prevention of water absorption. Moisture Stop impregnates concrete to protect ingress of salts, chlorides. It protects reinforced concrete from waterborne chloride ions making it an ideal protective surface treatment.

HPM-PS40 is designed to impregnate the concrete surface and permanently bond to the molecular structure of the concrete, thus changing its absorption characteristics.

FEATURES AND BENEFITS

- Clear, non-staining liquid
- Reduces salt and water intrusion by up to 90%
- Penetrates into porous surfaces
- Prevents corrosion of reinforcement bars
- Prevents dampness inside buildings, prevents rising damp.
- Repels Water
- Able to minimise eliminates efflorescence, alkali, silica reactions and freeze thaw problems.
- Breathable, will not trap moisture, allowing water vapour to escape for the structure.
- **Suitable for indoor and outdoor (UV stable)**

RECOMMENDED SUBSTRATES

In-situ concrete and masonry, stone and terrazzo.

PACKAGING

HPM-PS40 is available in 4 Litre pails, 20 Litre pails, 200 Litre Drums.

Typical Properties

PROPERTY	RESULT
Appearance	Clear liquid
Finish	Invisible penetrating sealer
Specific Gravity	Approx 0.8 kg/l
Viscosity	Approx 100 cps
Potlife	Indefinite
Specific Gravity	1.30g/mL
Recoat Time	2 hours at 25°C
Weight Solids	6 +/- 1%
VOC (APAS D181)	750 +/- 10 g/ltr

COVERAGE RATES

Depending on the porosity of the substrate, 3-4 square meters per litre per coat depending on surface porosity, two flood coats are recommended for a minimum effective treatment.

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APPLICATION DIRECTIONS

SURFACE PREPARATION

All surfaces should be dry and free from contamination such as oil, grease, loose particles, decayed matter, moss, algae growth, laitance and all traces of mould release oils and curing compounds. This is best achieved by lightly grit blasting the surface. Where moss, algae or similar growths have occurred, treatment with a propriety biocide should be carried out after the grit-blasting process surface has been obtained.

Cleaning by water method is also effective, surface cleaned should be allowed to stand for min 24hrs prior to application of HPM-PS40

Ensure recoat times are adhered to between applications

MIXING

Use straight from the container, no mixing required.

DO NOT DILUTE WITH SOLVENTS.

PLACING

HPM-PS40 should be applied in two flood coats until the recommended total application rate of 0.2 litres/m² (5sqm per litre) has been achieved.

HPM-PS40 may be applied by brush, roller or spray application. HPM-PS40 should be allowed to dry for a minimum of 2 hours (at 25°C) before continuing with re-coating.

CLEAN UP

Clean all tools and equipment with White Spirits.

PRECAUTIONS

Not designed as a waterproofing compound.

Do not thin or dilute

Do not apply on damp or wet surfaces.

Not abrasive resistant

HEALTH AND SAFETY

Keep away from sources of ignition - No Smoking. Avoid contact with eyes and skin, avoid breathing vapours.

Do not empty into drains.

First Aid

If poisoning occurs, contact a doctor or Poison Information Centre. If swallowed do NOT induce

vomiting. Give a glass of water. On contact with eyes, rinse immediately with water.

Risks

May cause lung damage if swallowed, irritating to eyes, respiratory system and skin.

Spills/Leaks

Restrict access to spillage area. Provide adequate protective equipment and ventilation. Remove source of ignition. Prevent material from entering sewers and confined spaces. If possible cover liquid with earth, sand or absorbent material which does not react with spilled material.

For more detailed information refer to the Material Safety Data Sheet.

STORAGE

Store between 10°C and 30°C. Shelf life is 1 year in original unopened container.

Keep away from sources of heat and naked flames.

Partly used containers must be sealed tight when not in use.

FIRE

HPM-PS40 is flammable.

DISCLAIMER

The information, and, in particular, the recommendations relating to the application and end-use of Aldridge Corporation's products, are given in good faith based on Aldridge Corporation's current knowledge and experience of the products when properly stored, handled and applied under normal conditions.

It is your responsibility to ensure that our products meet your requirements, are used and handled correctly in accordance with any applicable Australian Standard, our instructions and recommendations and only used for the applications for which they are intended.

In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered.

We also reserve the right to update information without prior notice to you to reflect our ongoing research and development. The supply of our products and services is also subject to certain terms, warranties and exclusions, which may have been disclosed to you in prior dealings or are otherwise available to you on request. You should make yourself familiar with these.

TECHNICAL DATA
ALDRIDGE CORPORATION