

ALDRIDGE

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High Performance Membranes

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HPM-Sealtite Anti-Root (AR)

HPM-Sealtite AR is a high-performance Anti-Root, hand-applied, low VOC, moisture-curing single-pack elastomeric polyurethane waterproofing membrane.

FEATURES

- Monolithic membrane – no lap, weld or seams
- Low VOC, complies with Green Star requirements
- Low smell
- Quick tack-free surface
- High resistance to puncture
- High resistance to fouling
- High resistance to stagnant water
- High elongation, class III membrane according to AS/NZ 4858 & AS4654
- No reinforcement required
- Excellent crack bridging capability
- Elastomeric behaviour: remains flexible at low temperatures
- Single pack: no mixing, ready to use
- Available in black

Good flow, perfect sagging resistance for vertical application.
HPM-Sealtite AR can be applied by brush or roller.

USES

It is designed for waterproofing diverse parts of a building including green roofs, planter boxes, retaining walls, garden beds.

Physical Properties

Properties presented below are to be used as a guide and not intended for specification purposes. Test.

Application

HPM-Sealtite AR is supplied in ready-to-use pails.

Preparation:

Surface must be clean, sound, smooth and dust-free as well as oil-free.

HPM-Sealtite Primer should be applied to ensure the adhesion of the membrane on the substrate.

In the case of high porosity, Wet concrete (humidity >5%) or in any doubt, it is recommended to use an HPM-Hydrostop epoxy primer.

Compatibility of the primer with the membrane must be checked prior to application.

HPM-Sealtite AR can be applied with a brush or a roller to the desired thickness.

2 coats of 800 g/m² are required to achieve a dry film thickness of 1 mm.

Recoating instructions

In normal conditions, HPM-Sealtite AR can be recoated with another layer of HPM-Sealtite AR within 24 hours. In case of rain or if the recoating interval was exceeded, come back to the substrate by grinding.

Contact your Aldridge Corporation representative for any questions.



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Diluting

HPM-Sealtite AR should only be diluted with Xylene.
Other solvents are not permitted.

Coverage

2 coats of a minimum of 800 g/m² each are required
to achieve a 1 mm dry film thickness

Clean-up

Reusable tools should be cleaned carefully with
Xylene before curing.

Shelf life

Shelf life of sealed HPM-Sealtite AR in its original
container is 9 months, pail upside down.
Always store closed containers in cool, ventilated and
dry location, away from heat and oxidizing agents. Do
not store in direct sunlight or in temperatures below
5°C or above 35°C.

Safety

Please refer to the Material Safety Data Sheet (MSDS)
for personal protection, proper handling and storage.

Technical Data

Composition	Single-Pack moisture curing Polyurethane
Specific Gravity (g/cm ³)	1.30-1.35
Service Temperature(°C)	-20 to +80
Curing time (hours)	Cured overnight
Shelf life (months)	9
Non volatiles (%)	90
VOC content (g/L)	130
Odour	Low smell
Tensile Strength (MPa)	6
Elongation (%)	300%
Hardness (Shore A)	70
Angle Tear Strength (Kg/cm)	20
Re-coating interval (days)	Maximum 2 days after application
Recommended substrate temperature (°C)	+5 to +35
Recommended substrate moisture (%)	Up to 5
Recommended relative humidity (%)	Between 20 and 90

TECHNICAL DATA
ALDRIDGE CORPORATION