

Hydro™ Seal

Bituminous Surface Treatment

Hydro Seal is a black waterproof membrane that has been formulated to act as a damp-proof membrane behind retaining walls and buried structures.

- It's suitable for concrete, concrete block and brick-work, wood and metal.
- Passed the vapour flow resistance level requirements for a water vapour barrier as per E2/AS1 BRANZ Raport number DC2547
- Meets moisture vapour permeability requirements of NZS 3604:2011

Hydro™ Seal - Advantages

- Hydro Seal is simple to apply by brush or roller
- Is compatible with green concrete
- Has excellent adhesion to masonry and concrete etc.
- Fast cure time
- Low water permeability
- Sulphates and ground salts resistant



BUY NZ MADE

Hydro Seal is made right here in NZ, in the South Island. By buying NZ made products you're not only buying great, high-quality products, you're promoting growth and job opportunities within your country.



Technical Data

Form:	Thyrotropic liquid mixed
Solid content:	60%
Density:	1.00kg/L
Application temperature:	5°C to 50°C
Drying Time:	4 - 6 hours at 20°C, 12 - 24 hours should be left between coatings
Coverage:	Additional to the primer coat - The minimum total application rate is 1 Liter per m2 (2 coats of 1/2 litre per m2 each). Depending on the substrate quantities this might vary slightly.
Limitations:	Not to be exposed to sunlight.

Shelf live 12 months when stored in original packaging. Store between 1°C - 35°C

Masons Hydro™ Seal	Bucket Size	Masons Code
Hydro Bituminous Surface Treatment 4L	4 Litre	HYDROSEAL4L
Hydro Bituminous Surface Treatment 20L	20 Litre	HYDROSEAL20L



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Installation Instructions

Preparations

Clean down surfaces to be treated. All dust, grease, residues and curing compounds need to be removed. Preferable by form of pressure water blasting, grit blasting or mechanical wire brushing. The surface needs to be smooth, grind back any irregularities and fill holes or cracks with mortar. Dampen the surface with no free water remaining. Hydro Seal needs to be stirred thoroughly before use.

Priming

For porous substrates a primer coat of 1 part clean water and 1 part on Hydro Seal should be used. Poor 1 part of Hydro Seal into a clean bucket and slowly add 1 part of clean water.

Application

Apply Hydro Seal with a coarse whitewash brush or broom. Soak brushes into water before use and periodically during application. Large flat areas may be applied by roller or squeegee. Two full undiluted coats of Hydro Seal are recommended for best results. Allow each coat to dry 12-24 hours before re-coating. In floors as a sandwich membrane, blind the final coat with sand to reduce damage.

Protection

Hydro Seal must be protected immediately after curing.

Health & Safety Instructions

Protective Measures

To avoid rare allergic reactions, we recommend the use of protective gloves. Change soiled work clothes and wash hands before breaks and after finishing work. Local regulations as well as health and safety advice on packaging labels must be observed. For further information refer to the Masons Safety Data Sheet which is available on request. If in doubt always follow the directions given on the bucket.

Important Notes

Residues of material must be removed according to local regulations. Fully cured material can be disposed of as household waste under agreement with the responsible local authorities. Detailed health and safety information as well as detailed precautionary measures e.g. physical, toxicological and ecological data can be obtained from the safety data sheet.

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