

HYDRO™ SEAL BITUMINOUS SURFACE TREATMENT SPECIFICATION GUIDE



MASONS
Designed Smart, Built Tough.

V2.0 March 2024

PROJECT DETAILS

Project name:

Spec Prepared For:

Specifiers Name:

Date:

Applicator:

Project Address:

1. GENERAL

1.1 PRODUCT DESCRIPTION

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

1.2 PHYSICAL PROPERTIES

- › 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
- › Passed the vapour flow resistance level requirements for a water vapour barrier as per E2/AS1 BRANZ Rapport number DC2547
- › Meets moisture vapour permeability requirements of NZS 3604:2011

Form: Thyrotropic liquid mixed

Solid content: 60%

Density: 1.00kg/L



1.3 COMPATIBILITY Hydro™ Seal is suitable for concrete, concrete block and brick-work, wood and metal.

1.4 STORAGE Shelf live 12 months when stored in original packaging. Store in a dry place in a temperature between 1°C - 35°C.

1.5 PRODUCTS	DESCRIPTION	BUCKET SIZE	MASONS CODE
	Hydro Bituminous Surface Treatment 4L	4 Litre	HYDROSEAL4L
	Hydro Bituminous Surface Treatment 20L	20 Litre	HYDROSEAL20L

1.6 INSTALLATION

- 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.

1.7 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.

1.8 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 ad 1 part of clean water.

1.9 APPLICATION

- Apply Hydro Seal with a coarse whitewash brush or broom. Soak brushes into water before use and periodically during application. Large flat areas my 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.

2.0 PROTECTION Hydro Seal must be protected immediately after curing.
