

Product Description

Wet-seal™ Enviro-coat GS 220 is a high-performance hand applied, low VOC, fibre reinforced SBR hybridised PU, water-based membrane designed for waterproofing, planter boxes, retaining walls, and other below ground applications.

Wet-seal™ Enviro-coat GS 220 is compliant to “AS/NZS 4654.1:2012 – Waterproofing membranes for external above-ground” and being low in VOC, meets the GBCA’s Green Star IEQ requirements.

Features/Benefits

- Australian made
- Low VOC, water based, & non-toxic
- Fibre-reinforced for enhanced durability
- Green star compliant
- Fast curing
- Excellent adhesion to substrates
- High resistance to puncture
- Compliant to AS/NZS 4654.1 2012 waterproof membranes for external unexposed applications
- Class II according to AS/NZS 4858
- Full reinforced system approach using Enviro-fabric

Substrates

Substrates suitable for Wet-seal™ Enviro-coat GS 220 installations include:

- Concrete, screed, render and masonry
- Wet area timber sheeting and external grade plywood
- Aerated concrete panels and blocks
- External grade fibre cement sheeting including
- Treated PVC retaining walls (Dincol)

Substrates must be installed to manufacturer's instructions.

For further information on suitable substrates not listed here contact the Wet-seal Technical Department.

Surface Preparation

Surfaces must be clean and dry, structurally sound and conform to Australian Standards. Surfaces must be free from loose materials, dust, old coatings, concrete curing compounds, curing retardants, release agents, laitance, oil, and grease, etc.

Application

Wet-seal™ Enviro-coat GS 220 is applied exclusively by Wet-seal Approved Applicators using Wet-seal™ Enviro-fabric in accordance with Wet-seal Installation Procedures to provide installations with excellent durability and quality.

Wet-seal™ Enviro-coat GS 220

Technical Properties

Colour	Olive Green
Drying	before covering – 48 hours*
*Based on normal temperatures of 23° C ad 60% RH	
Full cure	5-7 days @ 25 °C and 50% RH
Specific gravity	1.15
Durability tests results for AS/NZS 4654.1-2012	
Elongation classification	103% - Class II
Water Immersion Test – 56 days	PASS
Bleach Immersion Test – 56 days	PASS
Detergent Immersion Test – 56 days	PASS
Heat Aging	PASS
Cyclic Moving Test	PASS
Water Absorption Test	PASS
Temperature Resistance Test	PASS
Water Vapour Transmission Test	PASS
VOC Content (ASTM D3690-05)	66g/L

Detailing

Wet-seal Enviro-coat GS 220 is installed using Enviro-fabric as the carrier mechanism when detailing floor and retaining wall areas, vertical and horizontal joints, over bond breaker, and around penetrations and all other critical areas as set out in the Wet-seal Technical Literature. Dry film thickness is to be a minimum of 0.9 mm.

Protection Boards

Wet-seal GS 220 Membrane must be covered by suitable protection boards before backfilling retaining wall installations.

Clean Up

In water/detergent immediately while wet. Once dried mechanical or solvent removal is required

Storage

Shelf life 12 months if kept in a dry cool place between 10 and 35 °C in the original unopened packs. Do not store in direct sunlight.

Precautions

- Do not apply when surface temperature is below 5 °C or above 35 °C and when relative humidity exceeds 85%.
- Not to be used as a trafficable surface
- Not to be used as a finished membrane for UV exposed applications
- Do not apply to the surface when rain is imminent
- Not to be applied to glass or glazed surfaces
- Not to be used in areas where solvent or petroleum-based products may be spilled
- Not to be used in areas subject to negative hydrostatic pressure unless first treated with a waterstop
- All finished coatings over this membrane are to be water-based and solvent free.
- Allow minimum 7 days drying after application if flood testing.
- Safety Data Sheets (SDS) are available

Wet-seal Technical

For further information contact Wet-seal Technical Department on AUS: 1800 025 081 or NZ 0800 436 000.

Notes

Details contained in product technical data sheets are general. For any situation or items not covered in this data sheet, it is the responsibility of the Franchisee to check with Wet-seal Technical before commencing the application.

Product Disclaimer

This Technical Data Sheet (TDS) summarises our best knowledge of the product, including how to use and apply the product based on the information available at the time. You should read this TDS carefully and in conjunction with all Wet-seal Technical Literature and consider the information in the context of how the product will be used, including in conjunction with any other product and the type of surfaces to, and the manner in which, the product will be applied. Our responsibility for products sold is subject to our standard terms and conditions of sale