



Dual Seal Bentonite System



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Dual Seal is a high performance self swelling, self healing waterproofing membrane comprising of a thick, tough, high density polyethylene sheet laminated to 4kg/m² of quality Bentonite granules. The Bentonite used in the manufacture of Dual Seal is capable of repeated cycles of wetting and drying without deterioration of its sealing properties and has a life expectancy measured in thousands of years (BBA Certified). It has WRAS approval for use with potable water.

Uses:

Dual Seal waterproofing membrane has been specifically developed for use as a high performance waterproofing membrane to provide a totally watertight barrier in below ground concrete construction, including basements, underground car parks, plant rooms, access tunnels etc.

Dual Seal Membrane can be installed in damp conditions and is, therefore, particularly suitable for use as a roof waterproofing system for earth covered potable water reservoirs



Features & Benefits

- Provides a totally watertight barrier which is 10 times greater than concrete
- Resistance to Hydrostatic head of water of 46m
- Can be applied immediately shutters are struck to wet surface/green concrete
- Can be installed in damp conditions
- Prevents tracking of water between membrane and concrete surfaces
- Surface does not require priming
- Installation temperature -30°C to +50°C
- Easily installed by non-skilled operatives
- Non-toxic
- Eliminates need for separate protection board
- Does not require welding
- U.K. Water Fitting Byelaws Scheme Listed for use with potable water

Product Data	Sizes
HDPE Thickness	0.5mm
Membrane thickness	5mm
Roll Width	1.22m
Roll length	7.32m
Coverage per roll (allowing 50mm overlaps)	8.59m ²



Dual Seal Ancillaries

Dual Seal Mastic

A trowelable mastic comprising of a special formulation of expandable minerals and elastomeric compound which expands and stiffens in the presence of water to form an impervious barrier to water penetration.

Uses:

For use with Dual Seal Waterproofing Membranes to form a 45° fillet in internal corners, around pipe entries and penetrations. It is also used for filling voids, tie holes and honeycombing prior to installation of the Dual Seal Waterproofing Membrane.



Dual Seal Granules

A high swelling sodium bentonite in granular form which reacts when in contact with water and forms an impervious gel.

Uses:

Used in conjunction with Dual Seal Waterproofing Membranes to form a fillet at wall to floor transitions and penetrations through horizontal surfaces

Dual Seal XL Reinforcing Strip

An overbanding tape for the sealing of membranes

Technical Data	
Products	Packaging
Dual Seal Mastic	19 Ltr Pail
Dual Seal Granules	22.7kg Bags
Dual Seal XL Strip	100mm x 20m