

# DUAL SEAL WATERSTOP

## Dual Seal Waterstop WRAS Approved Product



### DESCRIPTION

Dual Seal Waterstop is a Bentonite based waterstop which reacts to contact with water by swelling to form a watertight seal in concrete structures.

Dual Seal Waterstop has been independently tested up to 30 metre head of water, it has full WRAS approval for use with potable water and is BBA Certificated.

### USES:

Dual Seal Waterstop has been specifically designed to seal construction joints against the ingress or outgress of liquids in water retaining or excluding structures.

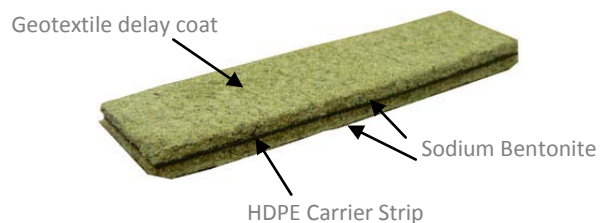
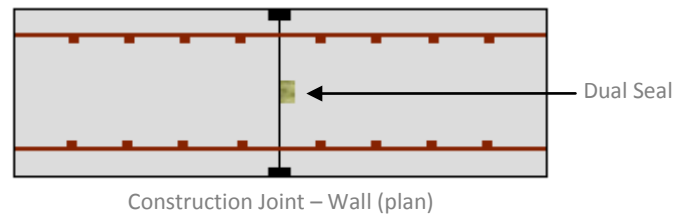
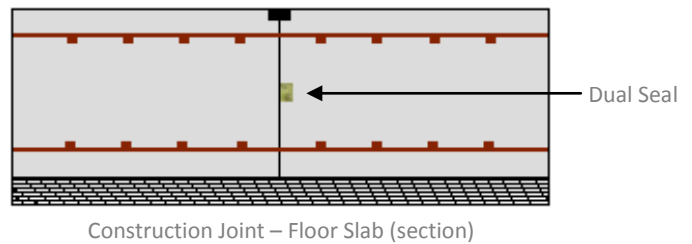
Dual Seal Waterstop is fixed by nailing to the face of the existing pour prior to placing the next pour. It is installed directly onto scabbled surfaces and will swell into voids up to 12mm deep. Changes of direction and end joints are simply achieved by butting together, no welding or adhesives are required.

Dual Seal Waterstop can be applied to green concrete and in damp conditions.

### SIZE

7mm x 25mm  
Supplied in 8 metre rolls.

### TYPICAL APPLICATIONS



### TECHNICAL DATA

PHYSICAL PROPERTIES	VALUE	TEST METHOD
Colour: Grey/White		
Pliability: 180° bend over 2.5cm mandral @ -32°C	1000	ASTM D146
Tensile strength	44.8N/mm <sup>2</sup>	ASTM D412
% Elongation-ultimate failure of membrane: Type 4	600%	D638
Resistance to water migration	No migration at 31m head	
Water migration at or through joint	None	
Permeability through membrane	0.001 Perm	
Installation Temperatures	-20°C to +60°C	
Operating Temperatures	-43°C to +132°C	
Life Expectancy	Longest life expectancy of all organic membranes	
Toxic/Staining	None	
Freeze/thaw and wet/dry cycles	No affect	
Cycling over 38mm joints	No deterioration 2000 cycles	
UK water Fittings Byelaws Scheme Listed for use with potable water		
Salt Water Grade available for use when salt content exceeds 2000 p.p.m.		
Conforms to the DWI Water Quality Regulation 25 (1) b 1989		



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