

Cavidrain STD S8U

PRODUCT DATA SHEET



CAVIDRAIN S8 U STD is a cavity drainage layer that provides a significant barrier to water. It consists of a high performance single cusped HDPE (High Density Polyethylene) drainage core. It provides a robust drainable membrane for use as part of a waterproofing system on floors or walls, and in tunnels or underground vaults. It can also be used in the “tanking” of sub-surface structures. It is suitable for use in both refurbishment work and in new build applications.

SPECIFICATIONS

PROPERTIES AND PERFORMANCE

Colour	Black				
Type	Single Cusped (Dimpled)				
Material	HDPE (High Density Polyethylene)				
Mass per unit area	(g/m ²)	520	Nominal	EN ISO 9864	
Dimple centres	(mm)	25	Nominal		
Drainage void volume	(l/m ²)	5	Nominal		
Overall thickness at 2 kPa	(mm)	8.5	±10%	EN ISO 9863-1	
Compressive strength (peak)	(kPa)	>200		ASTM D1621 (mod)	
In-plane water flow		HG = 1.0	HG = 0.1	Hydraulic Gradient	
At 20 kPa pressure	(l/m.sec)	4.00 -0.80	1.00 -0.20	EN ISO 12958	
With hard platen boundary conditions to simulate installation on rigid surfaces					
Resistance to weathering (UV)	Excellent			EN ISO 12224	
Resistance to Chemicals	Excellent			EN ISO 14030	
Thermal resistance	U values for specified constructions available on request				
Fire resistance	Expected to achieve B2 classification			DIN4102	
Water vapour transmission	Expected to achieve <0.29g/m ² .d			BS ISO 15106 pt. 3	
Design life	120 years (manufacturers declaration)				

ROLL DIMENSIONS

Standard Roll Dimensions	2.2m x 50m
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NOTES

1. The values given are indicative and correspond to nominal results obtained in the manufacturer's laboratories and testing institutes.
2. The tolerance on roll length is 1.5% and on roll width s 1.0%
3. Final determination of the suitability of any information is the sole responsibility of the user.
4. Refer to separate sheets for fixing instructions

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