

**SYSTEM-08 - CAVITY DRAIN WATERPROOFING MEMBRANE**
**Description**

MacLennan SYSTEM-08 is a high quality cavity drain membrane suitable for use internally below the ground to retaining walls, vaulted soffits and floors as an option within our MacLennan waterproofing system.

MacLennan SYSTEM-08 is BBA certified, warrantied against deterioration for 30 years, and has a life expectancy of at least 50 years (DIN 9001:2000). MacLennan SYSTEM-08 is also inert with high compressive loading stability.

It is highly resistant to water, alkalies, saline solutions and organic acids, and it is not effected by minerals. It is also resistant to bacteria, fungi and other small organisms.


**TECHNICAL DATA**

Features	Result		Units	
	508	508 R		
Material	HDPE			
Colour	White/Translucent			
Density	500	700	g/m <sup>2</sup>	
Width	2.4	2.07 / 2.4	m	
Length	10 / 20		m	
Area	24 / 48		m <sup>2</sup>	
Stud depth	6.7		mm	
Height	7.2		mm	
Vicat softening temperature	126		°C	
Packaged weight	12.24 / 24.5	29.40 / 33.82	kg	
Service temperature	-40 to +80		°C	
Installed Performance	Result		Units	Test Method
Thickness at 100 kPa	Not tested	5.24	mm	
Compressive strength – Temporary loading	170		kPa	EN ISO 25619-2
Compressive strength – Permanent loading	Not tested – Not suitable for floors	100	kPa	
Thermal conductivity	0.461		W/mK	EN 12667
Water vapour diffusion resistance – Sd value	>604		m	BS EN 1931
Water vapour diffusion resistance – μ value	>1208000		μ	Calculated from SD value
Water vapour diffusion resistance	>3020		MNs/g	Calculated from SD value
Resistance to fire	Euroclass E			BS EN 13501-1
Chemical resistance – Excellent	100		%	EN14030
Oxidation resistance – Excellent	100		%	EN ISO 13438

**FOR MORE INFORMATION**

**TEL:** 0845 658 777 | **EMAIL:** enquiries@MacLennanuk.com | **WEB:** www.MacLennanuk.com