

Specification Clause

MasterSeal® 930

Description

MasterSeal joint sealing system consists of two products **MasterSeal 930** and **MasterBrace ADH 2200** epoxy.

The **MasterSeal 930** is a highly elastic, rot-proof and chemically resistant sealing membrane.

MasterBrace ADH 2200 is a two part epoxy compound which establishes a strong bond to various types of substrate.

Where indicated on the contract documents the sealing membrane for irregular and unconventional joints shall be **MasterSeal 930** manufactured by BASF Construction Chemicals UAE LLC.

The product shall meet or exceed the following performance criteria:

Testing	Standard	Results	
		1mm	2mm
Physical properties			
Shore A		92	93
Resistance to temperature		-30°C to +90°C	-30°C to +90°C
Burst pressure max.		>4 bar	> 4 bar
Breaking load longitudinal	ASTM D638 Type IV	>10.5N/mm ²	>10.5N/mm ²
Breaking load lateral	ASTM D638 Type IV	>11.0N/mm ²	>11.0N/mm ²
Extension break longitudinal	ASTM D638 Type IV	380 ± 30%	380 ± 30%
Extension break lateral	ASTM D638 Type IV	610 ± 30%	610 ± 30%
Power absorption at 25% Elasticity lateral	DIN EN ISO 527-3	4.0N/mm	7.9 N/mm
Power absorption at 50% Elasticity lateral		4.5N/mm	8.9 N/mm
Resistance to water pressure	DIN EN 1928 (Version B)	> 4,0 bar	> 4,0 bar
Bonding strength	DIN EN 1348	>1Mpa	>1Mpa
Resistance to tearing longitudinal	ASTM D624 Type C	47.3	104.5
Resistance to tearing lateral	ASTM D624 Type C	50.2	105.3
UV-Resistance: min	DIN EN ISO 4892-3	6.500 h	6.500 h
Water Quality	BS 6920 (WRAS)	Material Approval	

Chemical Resistance (Resistance after storage over 28 days by room temperature in following chemicals)		
Hydrochloric acid 3%	+	
Sulphuric acid 35 %	+	+
Citric acid 100g/l	+	
Lactic acid 5%	+	
Potassium hydroxide 3% / 20%	+ / +	
Salt water (20g/l Sea water salt)	+	+
+ = resistant, 0 = weakened, - = non resistant		



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The product shall be manufactured by a company certified to conform to the requirements of the quality, environmental and occupational health & safety standards of ISO 9001, ISO 14001 and ISO 45001

The technical information and application advice given in this BASF publication are based on the present state of our best scientific and practical knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by law. The user is responsible for checking the suitability of products for their intended use.

For additional information please consult the product Technical Data Sheet.
BASF Construction Chemicals UAE LLC can provide a full project specification and method statement on request.