

Certificate of Analysis

 Customer: HODGSON SEALANTS
 Certificate Number: BL029/2019

 Date Received: 01.08.2019
 Date Analysed: 13.08.2019
 Date Reported: 19.08.2019

 Tick box if customer has provided untreated control samples for inclusion in testing

Test Method: Determination of Antibacterial Activity using Test Based on MOD ISO22196: 2011

Sample		Test Bacterium	Contact Time*		Red ⁿ against Initial	
			0 Hrs	24 Hrs	Log ₁₀	%
HS30 WHITE. BATCH 266. ONE PART MOISTURE CURE HYBRID		MRSA	2.93E+04	≤100	≥2.47	≥99.66%
		<i>E.coli</i>	7.20E+04	≤100	≥2.86	≥99.86%

*Numbers represent Colony Forming Units/CM2 at representative contact times.

Data show the changes in size of the initial MRSA (ATCC®6538P™) and E.coli (ATCC®8739™) populations due to their contact with the treated surface of the samples. The samples detailed in this CoA were tested for 24 hours at 35°C under a relative humidity of >95% as specified in the ISO22196 method. The results detailed in this CoA relate only to the items tested. This certificate shall not be reproduced except in full, without written approval of BioLabTests.



Noted during testing		
	Note	Deviation
No. of samples supplied per test	6 of 6 required	NO
Sample size	Average size: 5x5cm <i>Required size: 5x5cm</i>	N/A
Sample sterilisation method	DRY HEAT ONLY	N/A
Film size	Average size: 4x4cm <i>Required size: 4x4cm</i>	N/A
Inoculation volume	Volume: 0.1ml <i>Volume required by method: 0.1-0.4ml</i>	NO
Inoculation concentration at initial	Concentration of cells/ml: MRSA: 2.93×10^5 <i>E. coli: 7.20×10^5</i> <i>Concentration required by method:</i> <i>$2.5 \times 10^5 - 10 \times 10^5$ cells/ml</i>	NO

*Please note – For all information regarding modifications and deviations from ISO22196:2011, please request statement B-Lab-State-007



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