

Diamond Seal Systems

Antimicrobial Data Sheet

REVISED REPORT

KIRBY-BAUER STANDARD ANTIMICROBIAL SUSCEPTIBILITY TEST

Test Article: 1) 3 Coats Diamond Seal DS2 with “Micron” Antimicrobial 104 applied. 2) Water Based Aliphatic Polyurethane Clear Protective Coating Lot AP 110-126-8% Antimicrobial with Diamond Seal DS1 with “Micron” Antimicrobial 104 and Diamond Seal DS2 with “Micron” Antimicrobial 104. 3) Diamond Seal DS1 + Diamond Seal DS2 (1) Coat each with “Micron” Antimicrobial 76 on Glass Substrate. 4) Calcata Luna Marble Item#2 Marclu Coated with 2 Coats of DSS Green Seal with “Micron” Antimicrobial

Test Organisms: **Staphylococcus aureus** ATCC 25923
Escherichia coli ATCC 25922
Sample Size: 20 mm x 20 mm
Test Conditions: Incubated at 37 ± 2C for 18 to 24 hours

Sample ID	Results:	
	<i>S. aureus</i>	<i>E. coli</i>
3 Coats Diamond Seal DS2 with Am 104 Aluminum Surface	NZ / I	NZ / I
Water Based Aliphatic Polyurethane Clear Protective Coating Lot AP 110-126-8% Am with Diamond Seal DS1 with Am 104 and Diamond Seal DS2 with Am 104	NZ / I	NZ / I
DS1 + DS2 1 Coat each with Am 76 on Glass Substrate	NZ / I	NZ / I
Calcata Luna Marble Item#2 Marclu Coated with 2 coats of DSS Green Seal with Am 104	NZ / I	NZ / I

Results:

NZ = No Zone

NI = No inhibition of growth under the sample

I = Inhibition of growth under the sample (no growth)

mm = Zone of inhibition reported in millimeters

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