

Devan Report Reference : 14209

Date : 30/04/2020

Customer Project Number : -

**Devan Distributor:**

**Finishing Mill:** Not known

**Trader:** Not known

**Brand:** Not known

**Retailer:** Not known

**Summary :** Substrate was treated for antimicrobial properties



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### Antimicrobial Test Results

	Microbiological Analysis Bacterial [1] (% reduction)		Blue Test [2]	Pass/Fail [3]
	1hr	24hrs	% Extraction	
2% BIOME AM05 + 2% of Crealink AV on pile weight				
PVC backing 400 g/m <sup>2</sup> (8 g/m <sup>2</sup> AM 05 and 8 g/m <sup>2</sup> crealink AV)	78,74	-	-	PASS
Latex backing 400 g/m <sup>2</sup> (8 g/m <sup>2</sup> AM 05 and 8 g/m <sup>2</sup> crealink AV)	81,1	-	-	PASS

### Conclusions:

The sample treated with **BI-OME®** shows significant bacterial reduction. This sample passes the **BI-OME®** quality control standards and criteria.

This project has been approved by :

Devan Lab  
Devan Chemicals

[1] ASTM E2149-13 "Dynamic Shake Flask": 1g sample, 50ml 0.3 mM KH<sub>2</sub>PO<sub>4</sub>, 1x10<sup>5</sup> E.coli/ml, 0.01% Q2-5211 Wetting Agent

[2] Blue Test: BPB Extraction: 1.0 g sample weight, 0.001% BPB dH<sub>2</sub>O solution, 20 minutes exposure, 595 nm Absorbance, 0.01% Q2-5211 Wetting Agent

[3] Pass/Fail: Based on the BI-OME® Quality Assurance Standards



*The information contained in this test report is the result of our research and experience. It is given in good faith, but under no circumstances does it constitute a guarantee on our part, nor does it hold us responsible, particularly in the case of legal action by a third party.*

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