

## INDUSTRIAL MICROBIOLOGICAL SERVICES LTD

## **CERTIFICATE OF ANALYSIS**

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07/08/2020

CUSTOMER CERTIFICATE NO. 1040322.125/14399

Addmaster Ltd
Darfin House
Priestly Court
Staffordshire Technology Park
Stafford
ST18 0AR
UK.

CUSTOMER REF. 20726

SAMPLE DETAILS DATE RECEIVED

VUBA BUILDING PRODUCTS LIMITED ORDER NO.

METHOD: Determination of Antibacterial Activity using Test Based on MOD ISO 22196

**DATE ANALYSED** 19/08/2020 **DATE REPORTED** 21/08/2020

RESULTS (AS CFU CM-2)

SAMPLE	SPECIES	CONTACT TIME	REDUCTION (CONTROL)
		0 hrs 24 hrs	Log 10 %
CONTROL VANGUARD HD	E. coli	1.1E+04 1.8E+05	
VANGUARD HD WITH BIOMASTER 961	E. coli	1.1E+04 < 11.11	≥ 4.22 ≥ 99.99%
CONTROL VANGUARD HD	S. aureus	1.8E+04 2.5E+03	
VANGUARD HD WITH BIOMASTER 961	S. aureus	1.8E+04 1.2E+01	2.3 99.55%

Key: NS = Poor survival on control supplied.

The above data show the difference in the population following contact with the surface of the samples listed for 24 hours at 35°C under a RH of > 95% relative to the control sample.

Certificate valid for up to 2 years from date of test.

IMSL MICROBIOLOGICAL SERVICES LTD PALE LANE HARTLEY WINTNEY HANTS RG27 8DH UK

MANAGING DIRECTOR Peter D Askew

