



disposable
adhesive mats
since 1985

TECHNICAL INFORMATION DOCUMENT

REV-12/2020

ANTIBACTERIAL MAT WITH BIOMASTER AGENT
REGISTERED AS MEDICAL DEVICE
N. 1876007
TESTED TO: ISO 21702:2019 SARS-CoV-2
ISO 22196:2011

Composition	Self-adhesive mat comprising of 30 numbered tear off sheets, made of low density polyethylene, having a high bond strength and protected with an antimicrobial, designed to inhibit the growth of bacteria on the surface. Active substance: BIOMASTER
Packaging	Carton box including 4 or 8 mats.
Colour	Blue
Measures	45 x 90 - 45 x 115 - 60 x 90 - 60 x 115 - 90 x 115 90 x 150 - 150 x 115 - 240 x 115 - 350 x 115
Characteristics	<ul style="list-style-type: none">-The sheets are protected with antimicrobial technology which is incorporated within the mat.-The mat consists of numbered tear sheets from 30 to 1. Also available with 40 or 60 sheets.-Thanks to special water-based glue (gr/mq+ 1 gr), CBS Medical mat can be placed anywhere without leaving any residue, allowing practicality and ease of use on carpet.-It does not require frames: thanks to the completely adhesive base, it adheres perfectly to the floor without the use of frames. -Good high temperature strength, good UV and ageing resistance. Temperature: Optimum: min. 15° max. 30° Of use: min. -20° max. 70° Borderline: min. - 25° max. 90°-Electrostatic charge: on the floor with a new mat: from -80 to -120 V/inch
Thickness	<ul style="list-style-type: none">-Top cover sheet: 0,040 mm-Disposable sheet: 0,045 mm (x 30 strati)-Bottom Cover Sheet: 0,140 mmTotal thickness of the mat: 1,53 mm
Duration	2 years if correctly conserved.

Application fields	<p>Hospitals: clan rooms, operating theatres, infectious disease ward.</p> <p>Industry: pharmaceutical, food and electronics. Laboratories, food processing, wrapping and packaging and wherever it is essential to prevent environmental contamination from pollutants.</p>
<p>Biomaster is an antimicrobial technology effective against a wide spectrum of microorganisms (bacteria and molds) and as such used in a wide range of applications.</p> <p>Please refer to www.addmaster.co.uk for more information</p> <p>All products containing Biomaster are tested by independent laboratories according to the ISO 22196: 2011 standard to demonstrate effective antimicrobial efficacy</p>	

ISO 22196:2011 Antimicrobial Test Certificate

This is to certify that

Medical Mat with Biomaster (AT300 @ 0.3%)

supplied by

CBS Medical

has been tested to ISO 22196:2011 standards and shown to reduce

MRSA by $\geq 99.84\%$
Escherichia coli by $\geq 99.99\%$

Date of test: July 2019
 Test laboratory: Industrial Microbiological Services Limited
 Registered in England 3264423
 Certificate Number: 1038185.40/13224


 Paul Phillips
 Technical Manager



Permanent antimicrobial protection for your products

CERTIFICATE OF ANALYSIS

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CUSTOMER

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

CERTIFICATE NO.

1038185.40/13224

CUSTOMER REF.

9100

SAMPLE DETAILS

CBS

DATE RECEIVED

23/07/2019

ORDER NO.

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

DATE ANALYSED

24/07/2019

DATE REPORTED

26/07/2019

RESULTS (AS CFU CM⁻²)

SAMPLE	SPECIES	CONTACT TIME		REDUCTION (CONTROL)	
		0 hrs	24 hrs	Log 10	%
MEDICAL MAT (CONTROL)	<i>E coli</i>	1.7E+04	1.2E+05		
MEDICAL MAT WITH BIOMASTER (AT300 @ 0.3%)	<i>E coli</i>	1.7E+04	< 11.11	≥ 4.04	≥ 99.99%
MEDICAL MAT (CONTROL)	MRSA	1.9E+04	7.1E+03		
MEDICAL MAT WITH BIOMASTER (AT300 @ 0.3%)	MRSA	1.9E+04	< 11.11	≥ 2.81	≥ 99.84%

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.

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PALE LANE
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MANAGING DIRECTOR
Peter D Askew



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ISO 21702:2019 SARS-CoV-2



Test report n° 20200030/01

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	Time	Average Log TCID ₅₀	TCID ₅₀ /100 ml	N (TCID ₅₀ /cm ²)	At	R Ut-At	[% reduction versus T0]
Treated Sample	T2	5.00	10 ^{5.00}	3.13 x 10 ⁵	5.49	0.25	68.4%
	T6	4.50	10 ^{4.50}	9.88 x 10 ⁴	4.99	0.66	90%

This Test Report refers only to the sample tested; the name and description of the sample are declared by the Customer.
This test report may only be reproduced in full; partial reproduction must be authorized with written approval by the Laboratory.
° Test in service (same Group).

Prato, 02 December 2020

End of test Report

The Responsible,



GIOVANNI
MICHELI
02.12
.2020
15:06:33
UTC

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