



disposable  
adhesive mats  
since 1985

TECHNICAL INFORMATION DOCUMENT

REV-05/2019-B

**ANTIBACTERIAL MAT WITH BIOMASTER AGENT**  
**REGISTERED AS MEDICAL DEVICE**  
**N. 1876007**

<b>Composition</b>	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.  <b>Active substance: BIOMASTER</b>
<b>Packaging</b>	Carton box including 4 or 8 mats.
<b>Colour</b>	Blue
<b>Measures</b>	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
<b>Characteristics</b>	<ul style="list-style-type: none"><li>-The sheets are protected with antimicrobial technology which is incorporated within the mat.</li><li>-The mat consists of numbered tear sheets from 30 to 1. Also available with 40 or 60 sheets.</li><li>-Thanks to special water-based glue (gr/mq+ 1 gr), CBS Medical mat can be placed anywhere <b>without leaving any residue</b>, allowing practicality and ease of use on carpet.</li><li><b>-It does not require frames:</b> thanks to the completely adhesive base, it adheres perfectly to the floor without the use of frames.</li><li>-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°</li><li>-Electrostatic charge: on the floor with a new mat: from -80 to -120 V/inch</li></ul>
<b>Thickness</b>	<ul style="list-style-type: none"><li>-Top cover sheet: 0,040 mm</li><li>-Disposable sheet: 0,045 mm (x 30 strati)</li><li>-Bottom Cover Sheet: 0,140 mm</li><li>Total thickness of the mat: <b>1,53 mm</b></li></ul>
<b>Duration</b>	2 years if correctly conserved.
<b>Application fields</b>	<b>Hospitals:</b> clan rooms, operating theatres, infectious disease ward.  <b>Industry:</b> pharmaceutical, food and electronics. Laboratories, food processing, wrapping and packaging and wherever it is essential to prevent environmental contamination from pollutants.

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.

Please refer to [www.addmaster.co.uk](http://www.addmaster.co.uk) for more information

All products containing Biomaster are tested by independent laboratories according to the ISO 22196: 2011 standard to demonstrate effective antimicrobial efficacy

## 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



A handwritten signature in black ink, appearing to read "Paul Phillips".

Paul Phillips  
Technical Manager

Permanent antimicrobial protection for your products

### CERTIFICATE OF ANALYSIS

Page 1 of 1

#### 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<sup>-2</sup>)

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  
HARTLEY WINTNEY  
HANTS RG27 8DH  
UK

MANAGING DIRECTOR  
Peter D Askew



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