



BIO MAX

PREMIUM ANTIMICROBIAL SYSTEM



BIO MAX

BY SANICLAD

Antimicrobial Wall & Ceiling Cladding

BIOMAX

ANTIMICROBIAL CLADDING

BIOMAX sheets offer premium antimicrobial protection and are designed for cladding the walls and ceilings for hygiene-critical areas in medical, public and food environments.

Our most hygienic sheets yet are designed with the use of silver ions. The silver ions act as the antimicrobial and antiseptic properties that suppress microbial reproduction. This antimicrobial technology also offers superior protection against mold, bacteria and pathogens.

BIOMAX is chemical resistant, self extinguishing and class 0-1 fire rated, satisfying the highest standards demanded by health authorities.

FOR TECHNICAL ADVICE, INTERNATIONAL SHIPPING & INSTALLATION ENQUIRIES

Call: 0151 556 2800
Email: info@saniclad.co.uk

EFFECTIVE IN MINUTES

The silver ions incorporated within a BIOMAX sheet cause immediate anti-microbial activity.

WITHIN 15 MINUTES OF CONTACT

The bacteria is reduced by 80%

WITHIN 2 HOURS OF CONTACT

Permanent protection of 99.99%

SUITABLE USES

Hospitals, Healthcare Practice, Laboratories, Pharmaceutical Areas, Operating Rooms, Mortuaries, Veterinary, Offices, Kennels, Changing Rooms, Catering, Canteens, Sports School Halls, Showers, Laundries, Food Production, Commercial Kitchens, Cold Stores, Clean Rooms



PROTECTION

Resistant to chemicals with active long duration antimicrobial protection, BIOMAX is low maintenance and it's antimicrobial features remain reassuringly active year after year.

This has been tested according to DIN ISO 22196:2011.

FLAMMABILITY

BIOMAX Antibacterial Cladding sheets are class 0-1 fire rated and are self-extinguishing.

STANDARD	CLASSIFICATION
EN 13501	B, s3, d0
DIN 4102	B-1
BS 476/7	Class 0
NSP 92501,5	M-1
ASTM E 84	Class A

WALL CLADDING



MEASUREMENTS

Dimensions: 2440 x 1220 x 2.5mm
3050 x 1220 x 2.5mm

Weight: 3.5kg per m²

Service Temperature: -10°C - +60°C

CEILING SYSTEM



MEASUREMENTS

Dimensions: 3000mm x 250mm x 8mm
4000mm x 250mm x 8mm

Weight: 3.45kg - 3m
4.6kg - 4m

Service Temperature: -10°C - +50°C

STORAGE

Always store BIOMAX sheets on a level surface in a dry, air conditioned environment at about 15–20 °C. BIOMAX sheets may not be exposed to weathering effects and direct sunlight.

CLEANING

Use of a soft damp cloth and diluted mild detergent. Do not use abraasive pads or wire wool. Do not clean with temperatures above 60°C

FORMABILITY & WELDING

BIOMAX sheets are extremely versatile and can be easily cut to size using a circular saw, jigsaw or nibblers. Joints can be heat-welded or trimmed, corners can be thermoformed (to give that 'wrap around' look). Supporting corner profile trims are available.

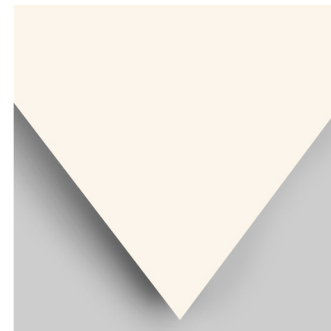
FINISH

BIOMAX sheets have a smooth, satin finish. Each sheet has a protective film to prevent scratches and dents during transportation. The protective film should be left in place until installation is complete.

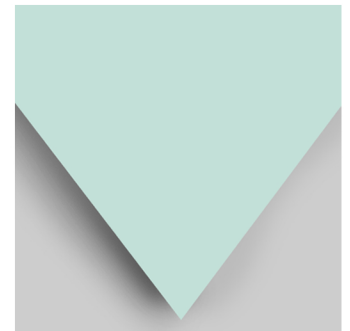
COLOURS

BIOMAX Sheets are available in White, Cream, Pastel Green, Pastel Blue, Pastel Grey.

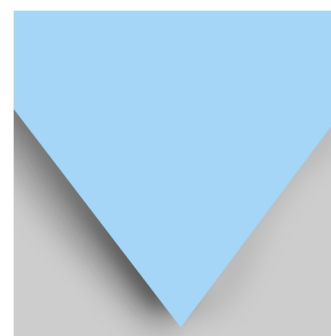
Bespoke colours are also available on request, subject to minimum order quantities.



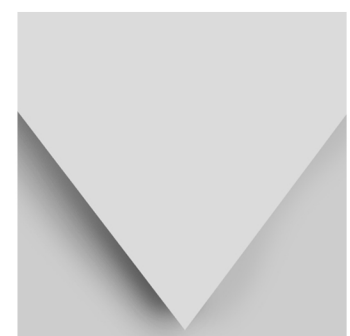
Cream



Pastel Green



Pastel Blue



Pastel Grey

Colour matching profile trims and silicones are available.

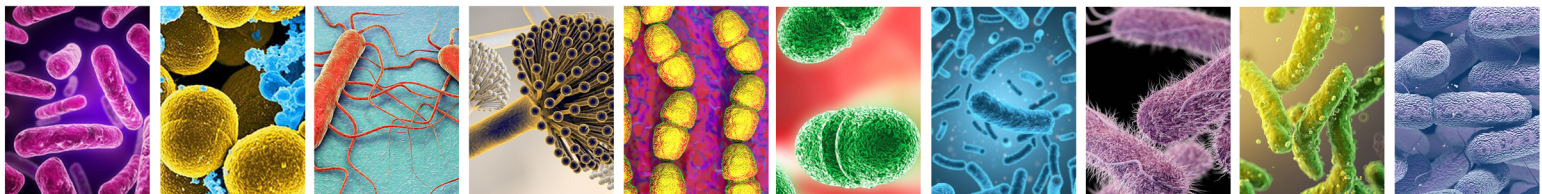
TECHNICAL DATA

BIOMAX Antimicrobial Wall and Ceiling Cladding

MECHANICAL PROPERTIES	STANDARD	UNIT	WA
Density	DIN EN ISO 1183	g / cm ³	~ 1.43
Elongation at yield	DIN EN ISO 527	MPa	≥ 55
Elongation at break	DIN EN ISO 527	%	≥ 15
Flexural strength	DIN EN ISO 178	MPa	≥ 80
Compressive strength	DIN EN ISO 844	MPa	≥ 70
Modulus of elasticity	DIN EN ISO 527-2/1A/50	MPa	≥ 3000
Notched impact strength	DIN EN ISO 179-1ePA	KJ / m ²	≥ 4
Impact strength	DIN EN ISO 179	KJ / m ²	

THERMAL PROPERTIES	STANDARD	STANDARD	STANDARD
Softening temperature	DIN 2N ISO 306 (Procedure B50)	°C	≥ 75
Heat deformation resistance	DIN EN ISO 75	°C	~ 68
Linear thermal expansion	DIN EN ISO 11359-2 (Procedure Ae)	mm / mK	0.08
Thermal conductivity	DIN EN ISO 220077	W / mK	0.16

INHIBITS AND PREVENTS BACTERIA



MRSA, Staphylococcus Aureus, Listeria Monocytogenes, Aspergillus Niger, VRE, Streptococcus Faecalis, Ligonella Peumophila, Salmonella Typhimurium, Clostridium Difficile, Klebsiella Pneumonia

Contact the Saniclad team for your bespoke quote today!

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