



PRODUCT BROCHURE

## OUR BRANDS:



# M WALL<sup>®</sup> BASIC



## Statement

M-Wall<sup>®</sup> Basic is an innovative wall-cladding solution designed for wall-protection and wall-finishing, developed for healthcare, retirement homes, (food & pharma) industries, schools and other public facilities.

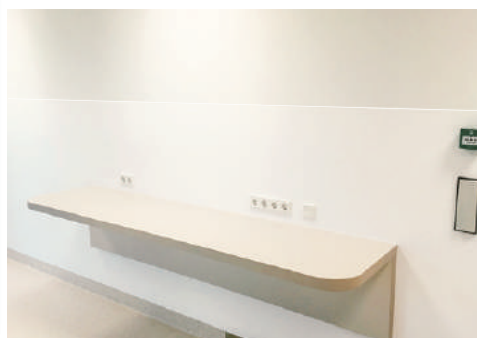
The special PC/ABS formulation guarantees a high impact resistance is free of chloride and bromine and reaches the highest European Fire standard B-s1-d0.

As a cost-efficient solution, M-Wall<sup>®</sup> Basic is easy to install, durable and has a natural appearance. M-Wall<sup>®</sup> Basic is active antibacterial, has a high chemical resistance, is easy to clean and disinfect due to the high density of the raw materials.

The high-end formulation of the raw-material and offers outstanding reduction of infection risks due to contact contamination.

## Benefits of M-Wall<sup>®</sup> Basic

- Special PC/ABS formulation
- Highest fire rating, B-s1,d0
- Antibacterial
- Excellent chemical resistance
- 100 % Recyclable
- High scratch and impact resistance
- Matt embossing, natural impression
- Easy to combine with other M-Wall<sup>®</sup> products



## Applications

- Hospitals
- Laboratories
- Cleanrooms
- Pharmaceutical industry
- Private Clinics
- Retirement Homes
- Offices
- Hotels
- Schools
- Distribution Centers
- Shops
- Airports
- Museums
- Social Housing
- Sport Facilities



## Specifications

### Dimensions

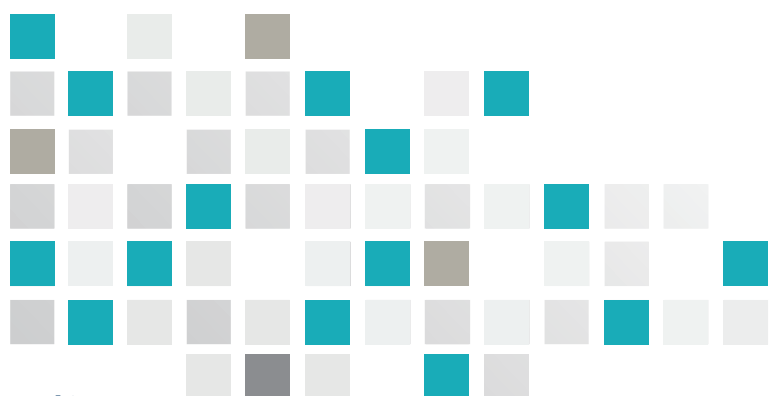
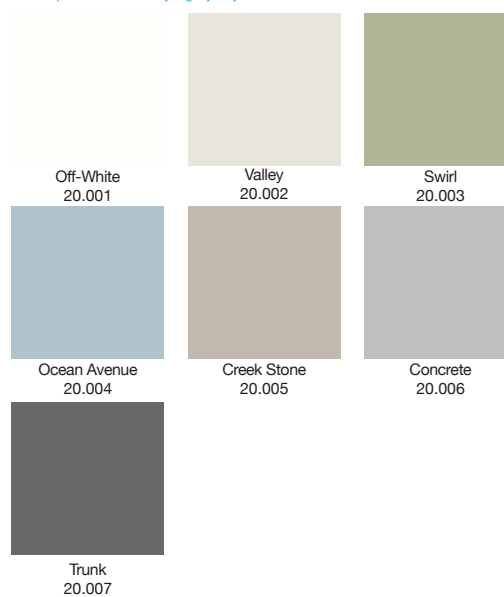
Thickness	1,7mm
Length x Width	3000 x 1300 mm
Surface	Microcell embossed

### Technical data

Properties	Standard	Classification
Thickness	EN 428	1,7 mm
Standard size	EN 482	3000x1300mm
Density	EN 1183	1,28 gr/cm <sup>3</sup>
Flammability	EN 13501-1	B-s1,d0
Tensile strength at yield	EN 527-2/50	60 MPa
Tensile E modulus	ISO 527-2	3100 KJ/m <sup>2</sup>
Antibacterial	ISO 22196	Active Antibacterial
Recyclable		100%

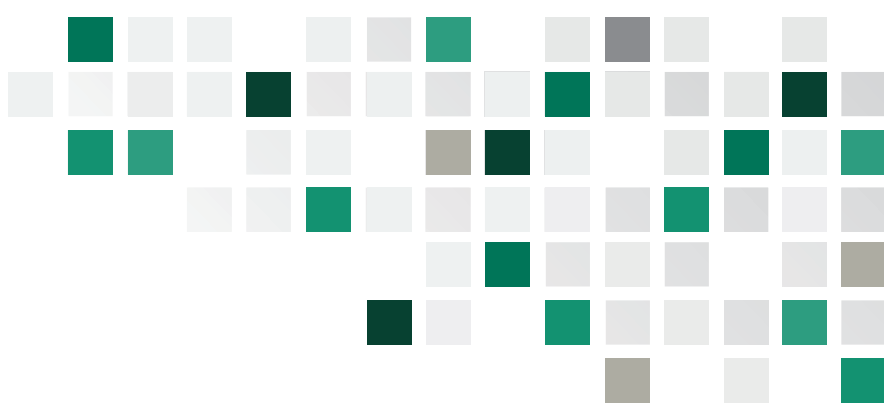
## Colours

\* Actual product colours may slightly vary from colours shown









## Statement

M-Wall<sup>®</sup> Protect is an innovative, efficient and economic wall cladding solution.

M-Wall<sup>®</sup> Protect is the first PET-G wall cladding solution without BPA (Bisphenol A), in compliance with the newest European fire rating regulation B-s1-d0 by EN 13501-1 and in line with FDA registration approval.

M-Wall<sup>®</sup> Protect is specifically developed for evacuation areas and public buildings such as airports, hospitals, schools, museums, shopping malls and others.

The fine embossing guarantees easy maintenance, and a low gloss and natural surface impression. M-Wall<sup>®</sup> Protect is easy to install and can be individual detailed.

The surface has a high scratch- and chemical resistance. The standers sheet material is 3000 x 1250 x 2 mm which allows optimal sizing and avoids non necessary cutting losses.

## Benefits of M-Wall<sup>®</sup> Protect

- Unique PET-G formulation
- Highest fire rating, B-s1,d0
- Antibacterial
- FDA compliant
- Excellent chemical resistance
- High scratch and impact resistance
- Matt embossing, natural impression
- 100 % Recyclable
- Easy to install
- Easy to combine with other M-Wall<sup>®</sup> products



## Applications

- Hospitals
- HACCP Facilities
- Laboratories
- Cleanrooms
- Pharmaceutical industry
- Private Clinics
- Retirement Homes
- Offices
- Hotels
- Schools
- Distribution Centers
- Shops
- Airports
- Museums
- Social Housing
- Sport Facilities





## Specifications

### Dimensions

Thickness	2mm
Length x Width	3000 x 1250 mm
Surface	Microcell Embossed

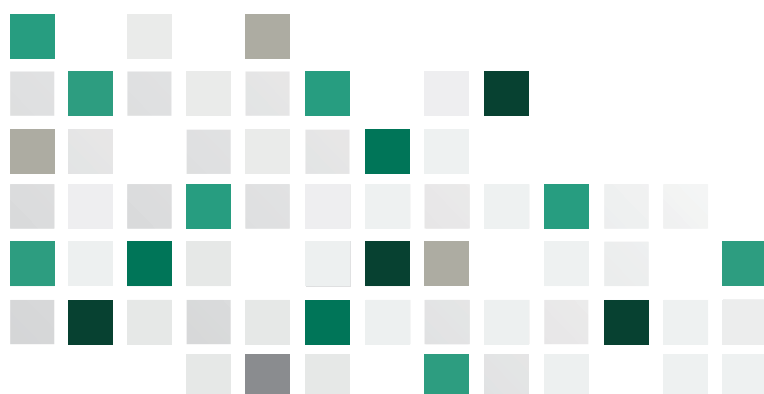
### Technical data

Properties	Standard	Classification
Thickness	EN 428	2 mm
Dimensions	EN 482	3000 x 1250 x 2 mm
Density	ISO 1183	1,27 gr/cm <sup>3</sup>
Fire Rating	EN 13501-1	B-s1,d0
Tensile strength at break	ISO 527	53 MPa
Linear thermal expansion	ISO 11359-2	0,05 mm/mk
FDA	21.CFR.177.1315	Compliant
Chemical resistance		Excellent
Recyclable		100%

## Colour impression

\* Actual product colours may slightly vary from colours shown

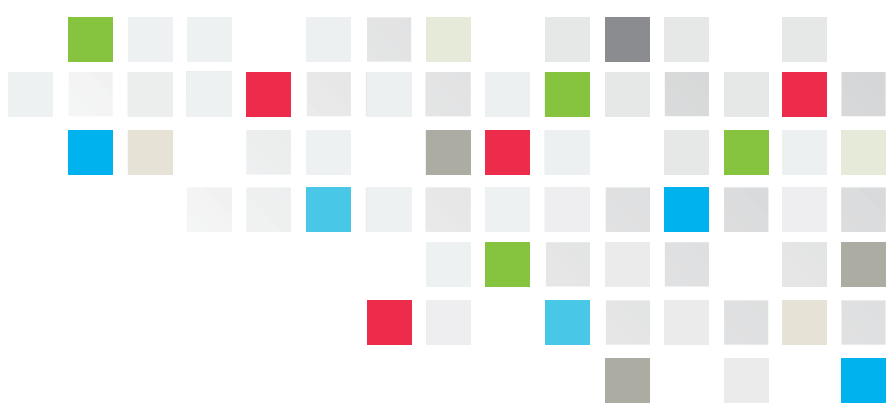
18.0110 Off-White	18.0103 Pearl White	18.7501 Sand
18.7752 Ochre	18.5855 Harmony	18.2327 Moss
19.0304 Aqua Marine	18.2188 Ink	18.0093 Sparrow











### Statement

M-Wall<sup>®</sup> Hygienic is a practical and cost-efficient high-end wall cladding that helps to create a hygienic, safe and attractive environment at all times.

M-Wall<sup>®</sup> Hygienic is an active antibacterial wall finishing and protection made of 2-mm-thick smooth-embossed PVC.

Following installation, M-Wall<sup>®</sup> Hygienic provides long-term protection against impact and scratch damages to all your walls. Due to its very fine structure, the panel has a matte finish, is highly scratch-resistant and is very easy to clean. M-Wall<sup>®</sup> Hygienic is specially developed for high care departments such as OT, clean-rooms, instrument preparation, central sterilization, drugs preparation, but as well in food industries, pharma preparations, patient wards, corridors and storages.

The M-Wall<sup>®</sup> Hygienic wall cladding can be thermally welded. In addition to a smooth joint between the M-Wall<sup>®</sup> Hygienic panels, a thermal welding also creates a fully enclosed, flush and hygienic surface.

The standard dimensions of a full panel M-Wall<sup>®</sup> Hygienic are 1500 x 3000 x 2mm. This dimension makes it possible to install the panels at room height. The M-Wall<sup>®</sup> Hygienic can be customized in any dimensions which is required, it's perfect applicable as paneling or impact protection or cleanroom finishing.

### Benefits of M-Wall<sup>®</sup> Hygienic

- Active antibacterial (MRSA resistance)
- Excellent chemical resistance
- High scratch and impact resistance
- Highest fire rating
- Antistatic
- Matt embossing
- Not shiny or glossy
- Easy to install
- Joints sealed by hot welding or silicone sealing

### Applications

- Hospitals
- Laboratories
- Clean rooms
- Pharmaceutical industry
- Private clinics
- Retirement homes
- Offices
- Hotels
- Schools
- Distribution centers
- Shops
- Airports
- Museums
- Social housing
- Sport facilities
- Food industry



## Specifications

### Dimensions

Thickness	2 mm
Width x Length	3000 x 1500 mm
Surface	Embossed

### Technical Data

Properties	Standard	Classification
Thickness	EN 428	2 mm
Dimensions	EN 482	3000 x 1500 x 2 mm
Chemical Resistance	EN 423	Excellent
Antistatic Properties	EN 1815	<2KV
Antibacterial	ASTM G21/G22-76 G29-96/JIS-Z2801	Active Antibacterial
Fire Rating	EN 13501-1 BS 476/7 ASTM E 84	B, s2, d0 Class 0

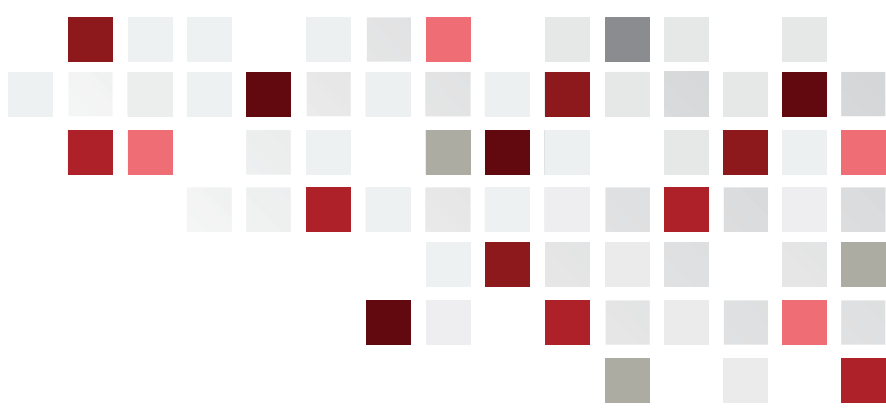
## Stock Colours

White 16.9010	Off-White 16.9016	Beige Cream 16.9185
Beige 16.1015	Grey Cream 16.9002	Mink 16.7044
Light Pistachio 16.9062	Light Grey 16.7040	Black 16.9005
Ocean Blue 16.0651	Red 16.0201	Green Grape 16.7492









## Statement

M-Wall Design is a unique 3D wall panel. Each panel comes with its own design and size which gives a unique impression to every wall.

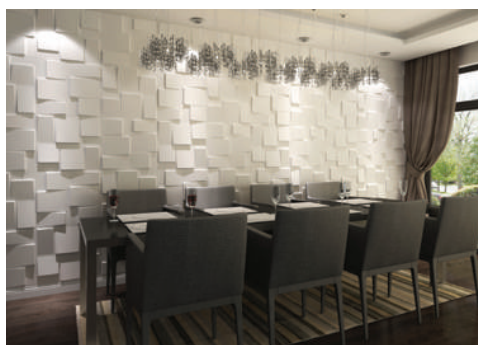
M-Wall Design panels contribute to better acoustic performances in the area.

The panels are produced from Bamboo and are 100% eco friendly and very easy to install.

After installation the panels can be finished with any type of paint in any colour and once the panels are finished in any colour they can be easily revamped to any other colour. Discover the unique designs and interior effect which you will achieve in hotels, restaurants, receptions as well as in private homes. The collection contains panels of 50 x 50 cm up to 100 x 100 cm.

## Benefits of M-Wall Design

- Eco friendly Bamboo material
- 100% biodegradable
- Fire grade B1
- Surprising 3D designs
- Easy to install
- Paintable with any type of paint
- Panels to be finished in any preferred colour



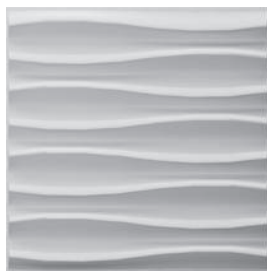
## Applications

- Offices
- Hotels
- Restaurants
- Private homes
- Schools
- Shops
- Airports
- Hospitals
- Private clinics
- Museums




**Brix\***

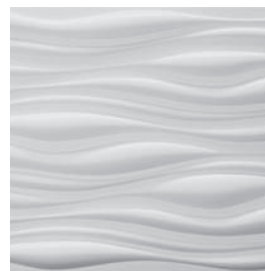
Dimensions: 500 x 500 mm


**Waves\***

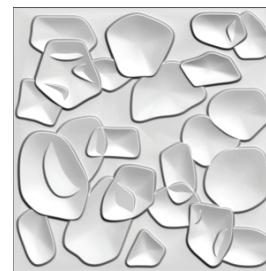
Dimensions: 500 x 500 mm


**Wind\***

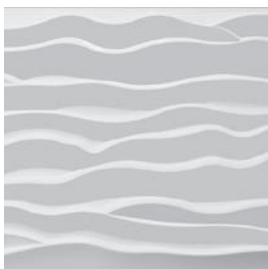
Dimensions: 500 x 500 mm


**Flux\***

Dimensions: 625 x 800 mm


**Drops\***

Dimensions: 1000 x 1000 mm


**Sand\***

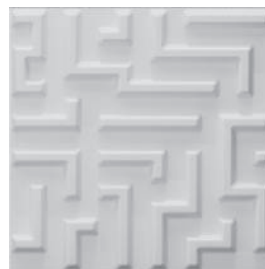
Dimensions: 625 x 800 mm


**Scale**

Dimensions: 500 x 500 mm


**Stone**

Dimensions: 625 x 800 mm


**Dike**

Dimensions: 500 x 500 mm


**Mist**

Dimensions: 500 x 500 mm

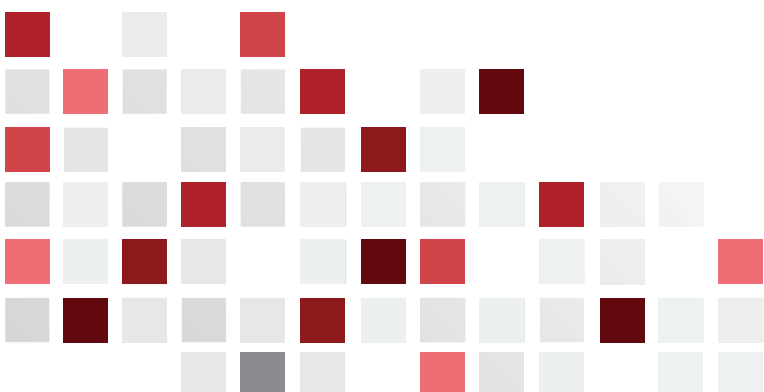
\* In stock designs

### Technical Data

Properties	Standard	Classification
Flammability	EN 13501	B, S1, d0
Thickness Material	EN 428	1,5 mm
Brix	1.2 mm	275 g/pcs
Waves	1.3 mm	275 g/pcs
Flux	1.5 mm	550 g/pcs
Sand	1.4 mm	550 g/pcs
Drops	1.3 mm	1200 g/pcs
Wind	1.1 mm	235 g/pcs
Scale	1.2 mm	275 g/pcs
Stone	1.2 mm	550 g/pcs
Dike	1.0 mm	235 g/pcs
Mist	1.2 mm	275g/pcs


**M WALL**  
**D E S I G N**

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