

# M WALL<sup>®</sup> PROTECT



## 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

