



# M-Guard Facade

## Technical Data Sheet

May 2010

### 1 Product Description

M-Guard Facade is a water-borne, acrylic copolymer-based surface treatment that provides total protection to porous building surfaces such as natural stone, concrete, terracotta, cement and self-locking paving and is invisible once dry.



### 2 Properties

- Can be applied to external and internal vertical and horizontal surfaces
- Prevents the penetration of water and oily liquids
- Limits efflorescence formation
- Anti-staining, anti-dirt. Prevents chewing-gum from sticking to treated surfaces and stops pollution dirt from building up. Limits moss and lichen growth
- Prevents deterioration resulting from the freeze-thaw cycle
- Makes cleaning easier
- Non film-forming, allows the surface to breathe
- Non-hazardous and non-toxic
- Solvent and silicone-free
- 95% + biodegradable according to OECD standards
- UV-resistant, does not discolour the treated surface
- Ready to use
- Easy to use
- Non-flammable
- Colourless

Coverage Rate	Drying Time	Pack Sizes
<p>Coverage depends on the porosity of the material. The following figures are approximate and should be used only as a general guideline:</p> <p><b>Porous Terracotta</b> 7.00 m<sup>2</sup> per litre  <b>Self-locking Paving</b> 6.00 m<sup>2</sup> per litre  <b>Architectonic Concrete</b> 5.00 m<sup>2</sup> per litre  <b>Cement Render</b> 3.30 m<sup>2</sup> per litre  <b>Plaster and lime mortar</b> 2.50 m<sup>2</sup> per litre  <b>Limestone</b> 2.00 m<sup>2</sup> per litre  <b>Tuffeau</b> 11.30 m<sup>2</sup> per litre  <b>St Vaast Stone</b> 0.60 m<sup>2</sup> per litre</p>	<p>24 hours</p> <p>For the best results wait 5 to 7 days before recoating</p>	<p>5, 10 and 20 litres</p>

### 3 Warranty/Test Data

10 year AXA insurance-backed Guarantee  
 BTG Class 1 Spread of Flame  
 CEBTF - 10 year Performance of Limestone  
 LR Vision-Independent Report on Stain Resistance  
 LC50 Aquatic Toxicity Test

## 4 Limitations

None applicable.

## 5 Preparation

- Remove all atmospheric pollution-related dirt from all surfaces to be treated
- Ensure the surfaces to be treated are clean, dust-free and dry before applying the product
- Algae and fungal growths should be treated with a fungicidal wash and removed

## 6 Application

- Shake the container well before use
- Use directly from the container; do not dilute
- Apply using a low-pressure sprayer, roller or brush
- Do not apply during rainy or very hot weather
- The treated surface should be impregnated to saturation point, either in one application or in two applications 'wet-on-wet'
- On vertical surfaces, apply from the bottom up
- Do not apply when the temperature of the surfaces to be treated is below 5°C

## 7 Storage

Keep in a cool, dry place

Keep away from extreme cold, do not store in conditions under 5°C.

## 8 Clean Up

Clean tools and equipment immediately after use with water.

## 9 Health & Safety

Under normal conditions of use where adequate ventilation is available, no special respiratory protection equipment is needed. No special protective clothing or skin protection is required under normal conditions of use. If there is a real risk of splashing, wear protective goggles. If swallowed do not induce vomiting - contact a doctor or a specialist. Keep out of the reach of children.

### Technical Assistance

For technical advice and assistance please contact the **Muralplast Technical Office** on the number below.

### Important

The contents of this document are the result of our experience with this product. We cannot be in any way held liable for its use individual cases. For more information, please see the **Material Safety Data Sheet**.