



M-Guard HD

Technical Data Sheet

May 2010

1 Product Description

M-Guard HD is a water-borne, acrylic co-polymer based treatment for all-round protection of all low porosity or relatively non-porous building materials. It provides water repellent and oil repellent protection for walls, flooring and roofing. M-Guard HD can be used inside and outdoors on surfaces subject to high use such as pavements, pedestrian precincts, patios, swimming pool decks, stairways and car parking areas. A non film-forming impregnating treatment, it enables the treated surface to remain permeable to air and water vapour. It is totally colourless after application and changes neither the appearance nor the composition of the treated material. It is also UV-resistant and does not discolour with age.



2 Properties

- Can be applied to internal and external surfaces both vertical and horizontal
- 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 dirt due to pollution from building up again. Limits moss and lichen growth
- Anti-graffiti properties
- Prevents deterioration resulting from the freeze-thaw cycle
- Makes cleaning easier
- Non film-forming, allows the surface to breathe
- Non-hazardous and non-toxic
- Water-borne product
- Solvent and silicone-free
- 95% + biodegradable according to OECD standards
- UV-resistant, does not discolour
- Invisible once dry
- Ready to use
- Non-flammable

Coverage Rate	Drying Time	Pack Sizes
Coverage depends on the porosity of the material. The following figures are approximate and for guidance only: Marble 10.00 m ² Sandstones 12.00 m ² Granite 12.00 m ² Terracotta not very porous 5.00 m ²	24 hours	5, 10 and 20 litres

3 Warranty

Not applicable

4 Limitations

None applicable.

5 Preparation

- Remove all atmospheric pollution-related dirt from all surfaces to be treated before starting the treatment

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
- 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
- Drying time: 24 hours
- Maximum protection is achieved after 5 - 7 days
- Do not apply when the temperature is below 5°C
- Do not apply during rainy or very hot weather

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**.