



# M-Guard HD PLUS

## Technical Data Sheet

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### 1 Product Description

**M-Guard HD Plus** is a water-borne acrylic co-polymer-based surface treatment providing both water and oil repellency protection to all porous building materials, particularly those used for flooring. It is suitable for use on both internal and external floorings such as natural stone, concrete, terracotta, cement and self-locking paving and leaves the treated surface permeable to both air and water vapour. Highly abrasion resistant, it provides a gloss/satin 'wet look' that enhances the colour of the surface.



### 2 Properties

- Can be applied to vertical, horizontal, inside and outside 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 dirt due to pollution from building up again. 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
- Water-borne product
- Solvent and silicone-free
- Biodegradable
- UV-resistant, does not discolour
- Invisible once dry
- Ready to use
- Easy to use
- Non-flammable

Coverage Rate	Drying Time	Pack Sizes
Coverage depends on the porosity of the material. The following figure is approximate and guidance only: 6 - 10 m <sup>2</sup> per litre	1 - 2 hours  Will accept traffic after one hour	5, 10 and 20 litres

### 3 Warranty

Not applicable

## 4 Limitations

None applicable.

## 5 Preparation

- Ensure the surface is clean, dust-free and dry before application

## 6 Application

- Shake the container well before use
- Make a test before using
- Apply using a wet mop or a roller
- Can be applied in 2 or 3 layers at saturation according to the level of gloss required. If the surface being treated is particularly porous, the application of a first impregnation coat (diluted product in 10 to 20% of water) is recommended
- Apply a first coat of product to the entire surface. Allow to penetrate and dry (from 1 to 2 hours according to the porosity and the temperature of the material) and then apply a second coat
- Do not over-apply. In case of excess, a white film can appear on the surface, which should be removed without scrubbing. The white film will disappear when the coating dries
- To accentuate the 'wet look', a third coating may be applied after leaving the previous coat to dry for one hour
- Will accept traffic after one hour
- Optimum protection is achieved after 5 to 7 days

## 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

Ensure adequate ventilation during application and drying. Keep out of reach of children. In case of contact with eyes, rinse immediately with clean water. After contact with skin, wash off immediately with soap and water or a recognised skin cleaner. Contains no added lead.

### 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**.