



M-Guard Colour

Technical Data Sheet

May 2010

1 Product Description

M-Guard Colour is a water-borne, acrylic copolymer-based coating that colours and protects porous building surfaces. M-Guard Colour is not a paint but a preservative that is fully adapted to use on concrete (even high alkaline fresh concrete or mineral rendering). It is resistant to water penetration, grease-based dirt and graffiti. Semi-transparent, it retains the texture and appearance of the mineral material it is protecting. The finished colour depends on both the colour of the preservative and that of the treated surface.



2 Properties

- Can be applied to external and internal vertical 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
- Ready to use
- Easy to use
- Non-flammable
- Available in a range of 50 colours or any shade to order

Coverage Rate	Drying Time	Pack Sizes
Coverage depends on the porosity of the material. The following figures are approximate and should be used only as a general guideline: 8 - 12 m ² per litre.	24 hours For the best results wait 5 to 7 days before recoating	5, 10 and 20 litres

3 Warranty/Test Data

BTTG 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 with an HVLP (high volume, low pressure) sprayer. On very porous surfaces, as short nap paint roller may be used
- Ensure adequate protection for the surrounding surfaces and the person applying the treatment
- Do not apply during rainy or very hot weather
- The treated surface should be impregnated to saturation point
- 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**.