



M-Guard Timber

Technical Data Sheet

May 2010

1 Product Description

M-Guard Timber is the next generation of protection of untreated timber and restored wood. It is a water-based formulation of resins and acrylics with minerals pigment that has exceptional resistance to all weather conditions and UV rays making it suitable for use on external cladding, gates, windows, doors, panelling and street furniture. It is not a coating but a decorative formulation that penetrates the wood fibres making them completely waterproof and resistant to stains - even greasy stains - without affecting the natural structure and graining. It can also be used indoors to help retain the natural aesthetics of the wood.



2 Properties

- Can be used on all types of wood, indoors and outdoors
- Offers protection under all weather conditions, plus resistance to dirt and staining. Significantly reduces moisture absorption due to humidity
- High protections against UV rays (>8 years), does not turn yellow, prevents wood from greying
- Restricts the growth of moss and lichen
- Preserves the natural aspect of wood
- Makes wood easy to clean
- Treated timber remains breathable
- Ready-mixed and easy to apply
- Solvent and silicone-free
- Safe and non toxic
- Low VOC
- Over 90% biodegradable
- Available in 15 standard colours and 2200 RAL Design colours. The finished shade will vary depending on the colour of the base material

Coverage Rate	Drying Time	Pack Sizes
Coverage depends on the absorbency the wood. The following figure is intended as a guide only: 8 to 12 m ² per litre	1 hour at 20°C between applications	5, 10 and 20 litres

3 Warranty

10 year AXA insurance-backed guarantee for water repellency

4 Limitations

Not suitable for use on flooring and decking.

5 Preparation

- Ensure the surface is clean, dust-free and dry before application
- Carry out a trial on a small, discreet area, especially for soft wood, exotic wood, oak and walnut, and for wood which has been treated with a fire retardant. Allow to dry for 24 hours
- Do not use on varnished, painted or polished woods

6 Application

- Thoroughly shake the container before use
- Do not apply when the temperature is below 5°C
- Do not apply in rain or excessive heat
- The product is ready to use; do not dilute
- Apply evenly, without excess
- Two applications are necessary to saturate the wood
- Protect from rain for 24 hours
- Optimal protection: 5 to 7 days
- Apply in the direction of the wood grain
- Lightly sand down with fine grade abrasive paper after the first application
- Use a HVLP (High Volume Low Pressure) spray gun or a brush

7 Storage

Store in a cool, dry area and protect from frost.
Shelf life: 12 months in the original, unopened container.

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**.