

# **MONOGARDE XT90**

*The Ultimate Protection for Monocouche Render*

**WATER/OIL REPELLENT, ANTI-STAINING, ANTI-GRAFFITI, AND  
RESISTANT TO ALGAE, LICHEN OR FUNGI GROWTH**

## **PRODUCT DESCRIPTION**

**MONOGARDE XT 90** offers the ultimate protection for Monocouche

**MONOGARDE XT 90** can be used inside and outside. For horizontal surfaces, we recommend the use of **MONOGARDE XT 90 WET LOOK SEMI GLOSS**.

Designed by the Research and Development Department of Monocouche, **MONOGARDE XT 90** is an ecological revolutionary water-borne product, non toxic, solvent-free, silicone-free which is intended to protect Monocouche.

**MONOGARDE XT 90** is an impregnating product, non film-making whilst the substrate also remains permeable to air and water vapour.

**MONOGARDE XT 90** is completely colourless after application; it modifies neither the aspect nor the nature of the treated substrate. Moreover, it perfectly resists UV and does not yellow over time.

A substrate treated with **MONOGARDE XT 90** allows a delay in the ageing process facilitates maintenance and allows protection of the monocouche against both water and oil.

## **CHEMICAL COMPOSITION**

Water-borne acrylic copolymer-based.

## **ADVANTAGES AND CHARACTERISTICS**

- Prevents the penetration of water and oily liquids.
- Resistant to algae or fungi growth
- Anti-Graffiti

- 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.
- 90% + biodegradable according to OECD standards.
- UV-resistant does not discolour the treated surface.
- Invisible once dry.
- Ready to use.
- Easy to use.
- Non-flammable.
- Reduces in effectiveness by 3% in 10 years
- 10 Year AXA insurance Guarantee

## **STAINS RESISTANCE TEST**

	<b>WATER</b>	<b>OIL</b>
<b>NON-TREATED MONOCOUCHE</b>	A drop of water leaves persistent spots even after wiping	A drop of oil leaves persistent spots even after wiping
<b>TREATED MONOCOUCHE</b>	The drop slides. No persistent spots.	The drop slides. No persistent spots.
<b>NON TREATED MONOCOUCHE</b>	The drop does not slide. Persistent stains even after drying.	The drop does not slide. Persistent stains even after drying.
<b>TREATED MONOCOUCHE</b>	The drop slides. No persistent marks.	The drop slides. No persistent marks.

## **PACKAGING**

1; 5; 10; 25 litres containers

## TECHNICAL DATA

Physical State at 20 °C	: Liquid
Appearance	: Colourless
Odour	: None
pH	: $8 \pm 0.3$
Boiling point [°C]	: 100 °C
Density	: 1.0 Kg/l
Solubility in water [vol/vol]	: Fully soluble
Flash Point [°C]	: Not applicable
VOC	: 52 g/l

## APPLICATION

- Shake the container well before use.
- Ensure the surface to be treated is clean, dust-free and dry before applying the product.
- Use directly from the container; does not dilute.
- Apply using a low-pressure sprayer or paintbrush.
- The treated surface should be impregnated to saturation point in 2 applications. Time between every application: 2 hours.
- On vertical surfaces, apply from the bottom up.
- Drying time: 24 hours.
- For the best results: wait 5 to 7 days

## COVERAGE PER LITRE

The figures below are approximate and should be used only as a general guideline:

**1 Litre = 4 to 6 m<sup>2</sup>**

## CLEANING EQUIPMENT

Clean all tools immediately after use

## STORAGE

- Conservation: 12 months in receptacle of origin, not opened in a dry place.
- Stock sheltered from frost and warmth: temperature between 5°C and 30°C.

## RECOMMENDATIONS

- Remove all atmospheric pollution-related dirt from surfaces to be treated before starting the treatment.
- To obtain the best look and results on application, **MONOGARDE XT 90** should be shaken before use and must only be used when the temperature of the surfaces to be treated is above 5°C.
- Do not apply during rainy or very hot weather.
- Do not dilute or mix with any other product.

## HEALTH AND SAFETY

- Respiratory Protection: Under normal conditions of use where there is adequate ventilation, no special respiratory protection equipment is needed.
- Hand Protection: Wear gloves.
- Skin Protection: No special protective clothing or skin protection is required under normal conditions of use.
- Eye Protection: 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

Monocouche Ltd, Ashpine House, 5 Slaney Court,  
Dublin Industrial Estate, Glasnevin, Dublin 11.  
T: + 353 1 8997199  
F: + 353 1 8827842  
E : info@monocoucheltd.com  
W: www.monocoucheltd.com

**Important:** The contents of this documentation result from our experiment of the product. The company Monocouche L.T.D guarantees the quality of its products but declines expressly any responsibility in the event of non respect by the user of the recommendations and the conditions of use of the said products, in particular but not exclusively in the event of an application defect, an application by an unqualified staff, an use of products incompatibles with the products of the company Monocouche L.T.D or of bad weather conditions. For more information, please refer to the safety data sheet.