

# Aqua Paint Barrier Primer

## Product description:

Diluted primer and barrier primer (cationic technology), which is used before applying diluted or solvent-containing, single-component topcoats indoors and outdoors.

## Application:

Indoors and outdoors. Neutralizes penetrating substances (nicotine, soot, dry water marks, wood components among others). Can be applied to wood and engineered wood products (outdoors, untreated wood must first be treated with MEGA 242 Protect Wood Impregnation), gypsum, gypsum fibreboards and plasterboards, plaster, concrete, brickwork, viable old coats of paint, ceramic flooring, non-ferrous metals and synthetics after a previous test coat.

## Properties:

- excellent adhesion
- low-stress
- excellent stain insulation
- dries very quickly
- diffusible
- good spreading rate
- water-based
- odourless
- environmentally compatible
- universally paintable

## Binding agent basis:

Cationic binding agent based on polymers

## Spec. weight:

Approx. 1.41 g/ml

## Gloss level:

Silk matte

## Shade of colour:

White

## Packaging size:

2.5 l and 12.5 l

## Application:

Application using brush, paint roller, sprayer (airless). Ready for use, stir well before application.

## Surface:

The surface must be clean, dry, stable, viable and free of separating substances. Clean and sand old tightly adhering coats of paint well. Remove loose, poorly adhering old coats of paint. Please observe the guidelines of the VOB, Part C, DIN 18363, sec. 3.

## Please observe:

When cleaning wood surfaces, only use cleaning agents with a pH value of approx. 6.5–8 because otherwise the properties of the cationic binding agent can be affected in a negative manner. This may result in brownish discolouration in the topcoat. Commercially available mild neutral cleaning agents are recommended.

## Primer coat:

Apply MEGA 053 Aqua Paint Barrier Primer 1x undiluted and evenly (in the case of extreme stress, apply a second coat after fully dried).

## Finishing coat:

1 coat with diluted or solvent-containing, single-component topcoats.

## Technical specifications

### Dilution:

Use undiluted. Dilution with water has a negative impact on the barrier effect.

### Tinting:

Using Classimix Universal Tinting Pastes up to 5%. The use of other pastes can lead to incompatibility.

### Cleaning the tools:

Clean immediately after use using water. Clean tools thoroughly before and after use because MEGA 053 Aqua Paint Barrier Primer is not compatible with other products.

### Drying process:

At 20 °C and 65 % rel. humidity:  
 Dry to handle: after approx. 1 h  
 Can be reworked: after approx. 8 h  
 Low temperatures and high humidity prolong the drying process and reduce the barrier effect.

### Consumption:

Approx. 100 ml/m<sup>2</sup>  
 Yield: approx. 9–11 m<sup>2</sup>/l per coat. Exact consumption data must be determined on the object.

### Airless spraying:

Nozzle: 0.019"–0.023" inch  
 Pressure: 180–210 bars  
 Spraying angle: 60°

## General information

### Compatibility:

Do not mix with other materials. MEGA 053 Aqua Paint Barrier Primer is not compatible with other products. Clean tools thoroughly with water before and after use.

## Remarks:

Do not apply MEGA 053 Aqua Paint Barrier Primer directly to iron or steel. Untreated outdoor wood must be treated with MEGA 241 Protect Wood Impregnation beforehand. When using outdoors, it is imperative to protect against moisture and to rework as quickly as possible.

## Processing temperature:

Do not process below +8 °C.

## Storage:

At least 12 months in tightly closed containers. Not frost-resistant

## Declaration of the substances of content:

This product does not contain any hazardous substances in terms of the Directive 67/548/EEC.

## Information on disposal:

Do not pour down the drain or place in dustbins. Disposal according to the local authorities. Dried up residue can be disposed of with household waste.

## EU threshold value for this product:

Product category: A/g  
 30 g/l VOC (2010)  
 This product contains a max. of 30 g/l VOC.

## GISCODE:

BSW30

## WHC 1 (VwVwS - Administrative Regulation on Substances Hazardous to Waters):

Slightly hazardous to water

## Observe the safety data sheet!

