

# BlackboardPaint – Technical Data Sheet

MagPaint Europe B.V.  
Riezenweg 2, 7071 PR Ulft, The Netherlands



## 1. Description

BlackboardPaint is a high quality indoor water based acrylic paint with good coverage and washability. It is odourless, non-toxic, lead free and contributes to a clean indoor environment due to its formaldehyde-capturing technology. It can be applied easily and spatter-free, in one or two layers to create a surface on which you can write with chalk. BlackboardPaint is available in seven factory colours, and as a base to add your own colour called "BlackboardPaint Any Colour". The Any Colour variant is not a transparent paint, and has to be mixed to the desired colour with up to 10% of water based pigment pastes from any common paint mixing system. The Any Colour variant does not contain white pigment, so avoid selecting colours that use a white base paint. BlackboardPaint can be used in combination with our MagnetPaint or MagnetPlaster to create a magnetic blackboard.

No / very few solvents.

## 2. Equipment

BlackboardPaint can be applied with a short haired roller for water based paints. Or, when diluted with 10% water, it can be applied using Wagner XVL P spray technology. Clean your equipment with water directly after use.

## 3. Surface

The surface should be solid, clean, dry, and free of grease, dust and rust. Remove loose coats of paint and clean old coats of paint with a paint cleaner. Fill up any cracks and holes with a suitable filler and lightly sand the surface. Remove any fat, dirt and dust present with water and ammonia. If possible, sponge with clean water and let it dry well. Wallpaper to be painted must be firmly attached. BlackboardPaint can be applied directly to wood and stone surfaces. For other surfaces, a suitable primer is advised. For products that have to be written on, a smooth and even surface is critical.

## 4. Application

The seven factory colours can be applied as delivered. The "Any Colour" variety should be tinted to the desired colour before application. Stir the paint well. BlackboardPaint should be applied at a temperature above +5°C and a relative humidity of maximum 80%. For one layer, the theoretical consumption is 10m<sup>2</sup>/L, the actual consumption depends on the state of the surface and the application method. Cover adjacent surfaces in advance and make sure the room is dust-free. For a beautiful end result, apply the paint in long lanes from top to bottom and re-roll in one direction. Start on the side of the incidence of light and point the tip of your roller in the direction of painting. Apply 1-2 layers of BlackboardPaint. For a better adhesion, lightly scuff up the surface between the various layers of paint with a scouring pad, properly dust off the surface and let the dust in the air settle before you continue. Another layer of BlackboardPaint can be applied within 4 hours, depending on the temperature and humidity. Wrap your roller in household foil during the drying break.

All suggestions and application instructions herein are based on our latest technical experience. Due to the wide variety of individual project conditions, we cannot be held responsible for their content. These instructions do not release the purchaser/applicator from his responsibility to determine the suitability of the product in consideration of the project characteristics. In case of queries please request our technical assistance.

SAFETY DATA SHEET AVAILABLE AT MAGPAINT EUROPE OR DOWNLOAD AT [WWW.PAINTFORPROS.COM](http://WWW.PAINTFORPROS.COM)

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BlackboardPaint – Technical Data Sheet | 7-1-2021 | Version 7.2 | [m.poorthuis@magpaint.com](mailto:m.poorthuis@magpaint.com)

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## 5. Usage

After three days, BlackboardPaint reaches its full hardness and can then be written on with chalk. Always use dry chalk, crayons and liquid chalk markers cannot be used. Erase texts or drawings with a dry cloth or blackboard eraser. Chalk residues can be washed off the surface with water. MagPaint offers boxes of white chalk, boxes of coloured chalk, and complete kits with chalk and erasers.

## 6. Storage

BlackboardPaint should be stored cool, dry, frost-free and in closed packaging. The shelf life in closed packaging is at least 36 months under the right storage conditions. Close properly after use. Perishable after opening.

## 7. Certifications

EU VOC limit value for this product (2004/42/EC, cat. aWB, 2010); 30g/L. BlackboardPaint contains 0g/L VOC.

BlackboardPaint is in conformity with EN 71-3 and ROHS.

Contains no substances classified as; carcinogenic, mutagenic, reprotoxic or classified with regard to environmental hazards, according to Regulation (EC) NO. 1272/2008.

BlackboardPaint is free of formaldehyde, APEO, lead and asbestos.

Fire class is determined as follows: A2 - s1, d0

## 8. Specifications

Commodity code:	320910.
Colour:	Anycolour, Black, Green, Red, Blue, Grey, Pink, Lime.
Sheen:	Matt.
Density:	1,18 Kg/L for Any Colour. 1,20 ± 0,02 kg/L for the factory colours.
Layer Thickness:	Approximately 40 µm.
Consumption:	Approximately 10 m <sup>2</sup> /L for one layer.
Viscosity:	Ready for use, dilute with 10% water for spray application.
VOC:	EU VOC limit value for this product (2004/42/EC, cat. aWB, 2010): 30 g/L. BlackboardPaint contains 0 g/L VOC.
Processing:	>+5°C / <80% relative humidity.
Drying time:	30 minutes.
Next coat after:	4 hours.
Ready to use after:	3 days.
Units:	Black, Green and Grey: 0,5L - 1L - 5L. Any Colour: 0,5L - 1L. Red, Blue, Pink and Lime: 0,5L.
Shelf life:	At least 36 months under the right storage conditions. Perishable after opening.

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