

## 1 Description:

BlackboardPaint is a coloured water-based wall paint for indoor use. Available in seven factory colours or an unpigmented base to change to the desired colour with water-based colour pastes. BlackboardPaint is based on an acrylate resin with fillers, additives and possibly pigments and/or dyes. A piece of a wall that has been treated with BlackboardPaint works like a blackboard and can be written on with chalk. Only dry chalk is easy to remove from BlackboardPaint. This does not apply to crayons or liquid chalk markers. Like a conventional blackboard, BlackboardPaint can be fully cleaned with a damp cloth.

One layer is usually sufficient for a covering result with good substrate preparation. A magnetic blackboard can be realised by first applying MagnetPaint or MagnetPlaster. BlackboardPaint can be applied directly over MagnetPaint and MagnetPlaster.

Contains little to no solvent.

## 2 Equipment:

BlackboardPaint can be applied with a short-haired finish roller. Clean tools with water.

## 3 Substrate:

The surface must be clean, dry and load-bearing. Degrease where necessary. Lightly sand old paint layers to ensure optimal adhesion. BlackboardPaint can be applied directly to wood, MDF, plasterboard, MagnetPaint and MagnetPlaster.

To avoid the need for several layers, the substrate can optionally be brought to a neutral colour first.

## 4 Theoretical consumption:

10 m<sup>2</sup>/L for one layer, depending on many factors such as porosity and roughness of the substrate and material loss during application.

## 5 Application instructions:

- Do not process at temperatures below +10°C or a relative humidity of more than 80%.
- Ensure a surface that is as smooth as possible.
- Lightly sand the substrate for optimal adhesion.
- Neutralise the colour of the substrate for optimal coverage.
- Open the BlackboardPaint and stir well.
- BlackboardPaint Any Colour needs to be coloured with water-based pigment pastes first. Take into account that it is a Transparent base.
- BlackboardPaint is tack-free within 30 minutes, depending on temperature and humidity.
- Assess whether one layer is sufficient.
- After 6 hours, the BlackboardPaint can be lightly sanded and a second layer be added.

## 6 Directions for use:

Let BlackboardPaint dry fully during 3 days before writing on it with chalk. Any type of dry chalk can be used, with the exception of crayons. BlackboardPaint can be cleaned just like a traditional blackboard. Erase texts or drawings with a dry cloth or eraser. Chalk residues can easily be removed from BlackboardPaint by gently wiping with a damp cloth. Scrubbing with a wet cloth might damage the surface. Do not write on BlackboardPaint that has just been wiped with a wet cloth. Let it dry first.

**Note:** the use of chalk markers can cause "ghosting".

## 7 Storage conditions:

In unopened packaging, in a dry, well-ventilated room, away from direct sunlight at temperatures between 5°C and 35°C. Perishable after opening.

## 8 VOC/Certification:

EU limit value for this product (2004/42/EC, cat dWB, 2010): 130 g/L. This product contains: 0 g/L VOC.

# BlackboardPaint – Technical Data Sheet



MagPaint Europe BV  
Riezenweg 2  
NL-7071 PR Uift

## 9 Specifications:

**Commodity code:** 320910.

**Colour:** Any Colour: unpigmented, Transparent base paint.  
Black: RAL 9005 Deep black.  
Green: RAL 6012 Black green.  
Red: RAL 3013 Tomato red.  
Blue: RAL 5017 Traffic blue.  
Grey: RAL 7004 Signal grey.  
Pink: NCS s1060-R.  
Lime: NCS s0560-G60Y.

**Sheen:** Matt.

**Density:** 1.18 kg/L for the unpigmented base.  
1.20 ± 0.02 kg/L for the coloured variants.

**Layer thickness:** Approx. 40 µm.

**Theoretical consumption:** Approx. 10 m<sup>2</sup>/L, depending on the substrate and application method

**Viscosity:** Ready for use, if necessary dilute up to 3% with clear water.

**VOC:** EU limit value for this product (2004/42/EC, cat dWB, 2010): 130 g/L.  
This product contains: 0 g/L VOC.

**Processing** T: > +10 ° C RH: <80%.

**Tack-free:** Approx. 30 minutes at 20 ° C and 65% RH

**Additional layers:** Approx. 6 hours at 20 ° C and 65% RH

**Ready to use:** Approx. 3 days at 20 ° C and 65% RH

**Units:** 0.5 litres - 1 litre.

**Shelf life:** At least 24 months under the right storage conditions