GreenscreenPaint– Technical Data Sheet

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

1. Description

GreenscreenPaint is a high quality water based indoor matte wall paint based on an acrylic binder. It is odourless, non-toxic and lead free. It can be applied easily and spatter-free, in one or two layers to create a perfectly even matte-green surface, ideal for the chromakey technology. You can photograph or film yourself in front of the green background. With the use of special software, you can then change the background into anything you like. GreenscreenPaint can also be used in combination with our MagnetPaint to be able to stick things to your background with our Magnettape. Or it can be used in combination with our SketchPaint Transparent Matt to increase the durability, and to be able to draw, highlight, accentuate or circle things In your background with dry-erase markers.
No / very few solvents.

2. Equipment

GreenscreenPaint can be applied with a short haired roller for water based paints. On larger surfaces the undiluted paint can be applied using Wagner XVLP 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. GreenscreenPaint can be applied directly to wood and stone surfaces. For other surfaces, a suitable primer is advised.

4. Application

Stir the paint well. GreenscreenPaint should be applied at a temperature above +5°C and a relative humidity of maximum 80%. For one layer, the theoretical consumption is 10m^2/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 GreenscreenPaint. For a better adhesion, lightly scuff up the surface with a scouring pad between the various layers of paint. Properly dust off the surface and let the dust in the air settle before you continue. Another layer of GreenscreenPaint can be applied within 4 hours, depending on the temperature and humidity. Wrap your roller in household foil during the drying break. Any colour differences you may see during painting will disappear once the GreenscreenPaint is dry.

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5. Usage

As soon as the GreenscreenPaint is dry, it can be used as a background for making photos or videos.

Software: After filming or taking photos, use video software, such as Adobe Premiere Pro, iMovie, Magix Video Deluxe, Pinnacle Studio Plus, Sony Vegas, or any other software program that allows you to work with a Greenscreen.

Subject: Ensure that the object or person in front of your greenscreen is not green and people are not wearing green clothes, unless you intend to hide a part of that person. Waving hairs may be a problem, as they are usually too thin to be detected by the computer, which means the hairs often disappear.

Lighting: In addition, the lighting should be properly set. There should not be any shadows on the background, so background lighting should be applied.

6. Storage

GreenscreenPaint 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):** 30 g/L. GreenscreenPaint contains **0 g/L VOC**.

GreenscreenPaint 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) N0. 1272/2008.**

GreenscreenPaint is **free of formaldehyde, APEO, lead and asbestos.**

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8.Specifications

Commodity code:	320910.
Colour:	Bright Green.
Sheen:	Matt.
Density:	1,2 – 1,3 Kg/L.
Layer Thickness:	Approximately 250 mu.
Consumption:	Approximately 10 m^2/L for one layer.
Viscosity:	Ready for use, dilute with 5% water for spray application.
VOC:	EU VOC limit value for this product (2004/42/EC, cat. aWB, 2010): 30 g/L. GreenscreenPaint contains 0 g/L VOC.
Processing:	>+5°C / <80% relative humidity.
Drying time:	30 minutes.
Next coat after:	4 hours.
Ready to use after:	Drying.
Units:	0,25L – 0,5L – 1L.
Shelf life:	At least 36 months under the right storage conditions. Perishable after opening.

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.