

# DIGIBOARD

## WALL PROJECTION SCREEN PAINT



### DESCRIPTION

DigiBoard is a premium paint, based on 100% acrylic technology that allows video projection on walls while giving high contrast and color depth. DigiBoard will dry to a flat smooth surface to offer enhanced picture quality.

### RECOMMENDED FOR

Interior/exterior applications on plaster, embossed wall coverings, gypsum board, concrete, cement rendering, brickwork & block work, wood and hardboard.

### KEY FEATURES

- Flat finish
- Highly washable
- Reduced dirt pick-up
- Enhanced video contrast
- Enhanced color depth
- Odorless
- Enhanced resistance to flame spread

### PHYSICAL PROPERTIES

<b>Solvent Type</b>	Waterborne	
<b>Finish Type</b>	Gloss Level 1, a traditional flat finish.	Not more than 10 units at 60 degrees and 10 to 35 units at 85 degrees
<b>Gloss Values</b>	(20/60/85) = 1, 3.0, 2.0	Based on ASTM D523
<b>Spreading Rate</b>	Approximately 8 m <sup>2</sup> /kg/coat - 2 coats required	
<b>Average Dry Time</b>	Touch-dry in 1/2-1 hour	Based on ASTM D 1640
<b>Recoat</b>	After 2-4 hours.	
<b>Flash Point</b>	Not Applicable	
<b>Dry Film Thickness</b>	40 to 45 microns depending on application	
<b>Thinner</b>	Add up to 15% of clean water for first coat and up to 20% of clean water for the following coats	
<b>Adhesion</b>	5B	Based on ASTM D3359.
<b>Scrub Resistance</b>	Higher than 1200 cycle	Based on ASTM D2486
<b>Density</b>	1.37	
<b>% Solids (weight)</b>	56%	
<b>% Solids (volume)</b>	40%	
<b>Viscosity</b>	15,000-20,000 cP	Measured with Spindle 5, Speed 5 at 25°C
<b>VOC</b>	28 g/L.  Testing Methods Used <ul style="list-style-type: none"><li>• ASTM D6886</li><li>• EPA Method 24(ASTM D2369)</li><li>• ASTM D3960</li><li>• UL 2821</li><li>• ISO 11890-2</li></ul>	<ul style="list-style-type: none"><li>• Compliant with GS-11 Standards, 1993</li><li>• Compliant with UL 2818 - 2013 Gold Standard</li><li>• Compliant with LEED 2009</li><li>• Compliant with LEED V4</li><li>• Compliant with EU Directive 2004/42/EC</li><li>• Compliant with SCAQMD Rule 1113, 2004</li><li>• Compliant with California Department of Public Health (CDPH) Standard Method VI.1-2010</li></ul>

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### SURFACE PREPARATION

All surfaces must be cured, clean, dry, and free from dirt, dust, rust, stains, grease, oil, mildew, wax, efflorescence, bond-breakers and other contaminants. Remove all loose, peeling, or chalky paint by sanding, scraping, or any other appropriate methods. Repair all cracks, holes, and other surface imperfections with a suitable patching material. Repaired surfaces should then be sanded smooth and dusted clean and primed with a suitable Colortek primer. New plaster or masonry surfaces must be allowed to cure (28 days) before applying base coat. Cured plaster should be hard, have a slight sheen and a maximum pH of 10. A soft, porous or powdery plaster indicates improper cure. Knife off any protrusions and prime plaster before and after applying patching compound. Poured or pre-cast concrete with a very smooth surface should be etched or abraded to promote adhesion, after removing all form release agents and curing compounds. Remove any powder or loose particles.

**CAUTION:** Scraping or sanding surfaces of older buildings may release dust containing lead or asbestos. EXPOSURE TO LEAD OR ASBESTOS CAN BE VERY HAZARDOUS TO YOUR HEALTH. Always wear appropriate personal protective equipment during surface preparation and finish cleanup of any residues by water-washing all surfaces.

### PRIMER SYSTEMS

SURFACE TYPE	RECOMMENDED COLORTEK PRIMER
Drywall	Colortek Primer
Porous Masonry	Colortek Sealer, Colortek Primer
Non-Porous Masonry	Colortek Primer or Colortek Undercoat
Wood	Colortek Undercoat or Colortek Wood Primer
Metal	Colortek Adhero, Adhero Quick Dry, SX47 StopRust, AquaZinc

### APPLICATION CONDITIONS

Do not apply at temperatures below 5 °C or when rain is expected. Stir well. Apply using brush, roller or airless spray.

### PACK SIZE

Volume	Weight (Kg)
1 US Quart	1.2
1 US Gallon	4.8

### SHELF LIFE

24 months from the date of production.

### STORAGE AND HANDLING

Care should be taken to avoid spillage. Store in a dry area. Protect from freezing. Extreme temperatures may cause paint to become unusable. For example: freezing and thawing may cause paint to gel, and high heat may cause solid skin to form.

### SAFETY

Use under well ventilated conditions. Avoid skin contact. In case of eye contact, flush immediately with water for at least 15 minutes and seek medical attention immediately. If you have trouble breathing, leave the area to obtain fresh air and seek medical attention immediately.

### CLEANING

Remove as much leftover product as possible from the application equipment before cleaning. Clean equipment immediately after use with warm soapy water and rinse thoroughly. Do not empty product into drains or watercourses.

### TECHNICAL ASSISTANCE

Available through your local COLORTEK® Design Center or through your COLORTEK PAINTS® authorized distributor. For the location of the retailer nearest you, email us at [info@colortek.eu](mailto:info@colortek.eu) or check our website [www.colortek.eu](http://www.colortek.eu).

### DISCLAIMER

Product batches are subject to stringent quality control checks in conformity with ISO 9001:2008, Certificate CH12/1128. The information submitted in this manual is correct to the best of our knowledge & experience. No liability whatsoever can be accepted based on the information supplied herein.

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Wall and Floor Fashion

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