

# CHALKBOARD

## SYNTHETIC ALKYD FLAT CHALKBOARD PAINT DECORATIVE PAINTS & COATINGS



### Description

CHALKBOARD is an ultra-hard scratch resistant finish that allows you to create a unique writeable-erasable surface. It provides the perfect surface for chalk writing on walls, doors, tables, cabinets, picture frames, flower pots and more.

### Recommended For

Interior applications on metal, wood, masonry, drywall, plaster, glass, concrete, unglazed ceramics and hardboard.

### Key Features

- Alkyd Based
- Flat
- Hard finish
- Scratch resistant

### Physical Properties

|                    |  |
|--------------------|--|
| Solvent Type       | White spirit   |
| Finish Type        | Dead flat finish based on ASTM D523  |
| Spreading Rate     | Approximately 10m <sup>2</sup> /depending on surface porosity and application techniques |
| Average Dry Time   | Touch-dry in 5 hours based on ASTM D 1640  |
| Recoat             | After 16-24 hours  |
| Flash Point        | Approximately 41°C   |
| Dry Film Thickness | Approximately 60 – 80 microns per coat depending on application                          |
| Thinner            | Thinner up to 10% maximum to shorten the drying time.                                    |
| Adhesion           | 2.98 MPa based on ASTM D 4541  |
| Scrub Resistance   | Greater than 10,000 cycles based on ASTM D 2486  |
| Density            | 1.33 g/cm <sup>3</sup>   |
| Solids             | 60 %   |
| Viscosity          | 1,000 – 3,000 cP (Spindle 3 / Speed 10)  |
| Colors             | Green, Black   |

### 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, 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. Never sand a plaster surface; 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.

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## 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                    |
| Ferrous metal      | Colortek Adhero                       |
| Non-ferrous metal  | Colortek Adhero                       |

## Application Conditions

Do not apply at temperatures below 5 °C or when rain is expected.

## Application Method

Stir well. Easy to apply by brush, roller or airless spray.

## Pack Size

- 1 US Quart – 1.2kg
- 1 US Gallon – 4.5 kg

## Shelf Life

24 months from the date of production.

## Storage and Handling

Care should be taken to avoid spillage. Product should be stored in a dry area and protected 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. Do not breathe or inhale spray mist or sanding dust. Avoid skin contact; spillage on the skin should immediately be removed with suitable cleanser, soap and water. In case of eye contact, flush immediately with water for at least 15 minutes and seek medical attention immediately. If you experience difficulty breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical attention immediately.

## Cleaning

Remove as much leftover product as possible from the application equipment before cleaning. Clean equipment immediately after use with mineral spirits or paint thinner. Do not empty product into drains or watercourses. Wash hands after use in warm soapy water.

## 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 on the basis of the information supplied herein.