

FLUORESCENT

FLUORESCENT PIGMENT

DECORATIVE PAINTS & COATINGS



Description

FLUORESCENT provides bright, highly visible colors on a variety of surfaces and is characterized by its Lightfastness properties even in external exposure.

Recommended For

indoor and outdoor projects such as crafts, hobbies, stenciling, marking, and color-coding. These paints also glow under ultraviolet (black) light.

Key Features

- Flat
- Good opacity
- Excellent durability and adhesion
- Highly visible
- Very low water absorption
- Enhanced resistance to flame spread
- Best results, apply over a white base coat
- Available in 7 fluorescent shades

Physical Properties

Solvent Type	Waterborne
Finish Type	Flat based on ASTM D523
Spreading Rate	Approximately 8 - 10 m ² /kg depending on surface porosity and application techniques
Average Dry Time	Touch-dry in 1/2-1 hour based on ASTM D 1640
Recoat	After 2-4 hours.
Flash Point	Not Applicable
Dry Film Thickness	40 to 45 microns depending on application
Thinner	Add up to 5% of clear water needed
Adhesion	1 N/mm ² based on ASTM D4541
Scrub Resistance	Higher than 10,000 cycles based on ASTM D2486 conforms to Libnor 1999:84 & 83 for external emulsion paint
Gloss	(20/60/85) = 3.1, 3.0, 2.5
Density	Yellow, Green, Red = 1.18 g/cm ³ , Mandarin, Magenta = 1.20 g/cm ³ , Pink = 1.18 g/cm ³ , Orange = 1.13 g/cm ³
Solids	Yellow=52.4%, Green, Mandarin, Pink, Magenta=53.23%, Orange=53.5%, Red= 52.57%
Viscosity	1 000 – 3 000 cP (Spindle 3 / Speed 10)
VOC	Very low VOC content - Compliant with EU 2010 regulations maximum of 30 g/L.
Bases	None
Colors	Green, Yellow, Orange, Mandarin, Red, Pink & Magenta

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 the 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 clean up 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	SX47 StopRust / Colortek Adhero

Application Conditions

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

Application Method

Stir well. Apply using brush, roller or airless spray.

Pack Size

- 1 US Quart – 1 kg

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. 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 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 or check our website 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.