

COLORTEK FLOE

WATER BASED DECORATIVE FINISH

DECORATIVE PAINTS & COATINGS



Description

Floe is a textured paint effect with a crystalline finish that will reflect into your home the atmosphere of the sandy deserts or the frosty and luminescent expanses of the Antarctic through its extensive range of shimmering warm and cool colors.

Recommended For

Interior applications on plaster, embossed wall coverings, gypsum board, concrete, cement rendering, brickwork & block work.

Key Features

- Combination of smooth & rough finish
- Effect with illuminating sparkles
- Odorless
- Ease of application

Physical Properties

Solvent Type	Waterborne
Finish Type	A glimmering stratified effect finish
Spreading Rate	Approximately 7m ² /kg/coat – 1 coat required for the bases: 600-620 -630. Approximately 11m ² /kg/coat – 2 coats required for the base: 680. Approximately 4m ² /kg/coat – 1 coat required for the bases: 610-640-650-660-670.
Average Dry Time	15 minutes - 1 hour based on ASTM D 1640
Recoat	After 2 – 4 hours, a 2 nd coat can be applied but usually not desired
Flash Point	Not Applicable
Dry Film Thickness	100 – 200 microns depending on application technique
Thinner	No thinning is required
Adhesion	Classified 4B based on ASTM 3359-B for excellent adhesion
Density	610/640/650/660/670 :1.42 g/cm ³ 600/620/630: 1.25 g/cm ³ 680: 1.12 g/cm ³
Solids	42 %
Viscosity	Floe 600/620/630: 26,000 – 32,000 (Spindle 6/Speed 20) based on ASTM D2196 Floe 610/640/650/660/670: 50,000 – 60,000 (Spindle 5/Speed 5) based on ASTM D2196 Floe 680: 22,500-27,500 (Spindle 4/Speed 5) based on ASTM D2196
VOC	Very low VOC content - Compliant with EU 2010 regulations maximum of 30 g/L.
Bases	600/00 Iceberg, 620/00 Lucid & 630/00 Melt, 610/00 Aurelia, 640/00 Hema, 650/00 Salt, 660/00 Vino, 670/00 Kin, 680/00 Frost.
Additives	Colortek Deco Additives (1,2,3, 4,5,6,7,8,9,10), Metallo Bronze, Metallo Copper

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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, 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 maximum pH of 10; 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.

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.

Application Method

Apply two coats of Coacryl or C1A on the properly primed and cleaned surface. Spread FLOE in small quantities using alternative brush strokes in all directions; shift the sparkle particles to achieve the desired final effect. A second coat could be applied and will result in a richer final effect. FLOE can also be applied using a rich initial coat and spread unevenly in one direction. This creates favorable finish that brings out the full FLOE effect.

The shade is obtained by mixing one of the COLORTEK DECO ADDITIVES with the required FLOE base.

Pack Size

- 1 US Quart – 1 kg
- 1 US Gallon – 2.5 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.

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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 9001:2015, Certificate LB18/234269.

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.