

SOIB FLAT

SYNTHETIC ALKYD BASED ENAMEL FLAT



DESCRIPTION

SOIB Flat is a smooth, flat, oil-based paint finish with excellent leveling and film build. It provides exceptional opacity and drip resistance along with excellent binding and strengthening properties.

RECOMMENDED FOR

Interior & exterior applications on wood, metal & plaster, gypsum, wallboards, concrete, cement rendering, brickwork & block work.

KEY FEATURES

- Very attractive flat finish
- Based on a high-quality synthetic alkyd resin
- Low odor product
- Highly washable
- Excellent opacity
- Outstanding durability
- Extended range of colors
- Lead free

PHYSICAL PROPERTIES

Solvent Type	White spirit
Finish Type	Flat finish based on ASTM D523
Spreading Rate	Approximately 10m ² / kg 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	Up to 120 microns depending on application and color
Thinner	Max 10 % thinning with white spirit
Adhesion	3 - 4 MPa
Scrub Resistance	Greater than 10,000 cycles based on ASTM D2486
Solids	Approximately 60 – 70 %
Bases	Pure White (1005), S6030-Y60R (1075), Black 10 (1100), S4050-R80B (1068)
Viscosity	500-1500 cP (Spindle 2 / Speed 10)

CERTIFICATIONS & COMPLIANCE

The above-mentioned certification determines our products compliance with LIBNOR 90:1999

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. Prime the substrates 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.

COLORTEK®

Wall and Floor Fashion
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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
Metal	Zinc-chromate, Adhero, Zinc Phosphate or Red Oxide

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
- 1 US Gallon – 4 Kg

Weight can vary depending on color.

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 mineral spirits or paint thinner. 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.