



APPLY A HIGHER STANDARD®

SPARTASHIELD®

Exterior Flat Paint

SSHL10



≤ 50 g/L VOC**

SPARTASHIELD® Flat is a premium exterior, ultra-low VOC, 100% acrylic paint. It is ideal for use on residential and commercial projects, such as single family or multi-tenant housing, schools, hotels, or hospitals. **SPARTASHIELD Flat** provides very good color retention and efflorescence resistance. It can be used on properly prepared and primed masonry, concrete, stucco, tilt-up, metal, and can be used on properly primed or previously painted rough-sawn wood. Can be used at surface and air temperatures down to 35°F.

PRODUCT INFORMATION

SOLVENT TYPE: Waterborne | **RESIN TYPE:** 100% acrylic
FINISH (ASTM D 523): Flat: <2.5% on a 60° meter; <2.5% on an 85° meter

COLORS: Stock colors: Swiss Coffee. Other colors can be special ordered or store mixed.

TINT BASES: L Tintable White, M Medium, U Ultra Deep

VISCOSITY@77°F/25°C (ASTM D 562): 100–110 KU

MAXIMUM VOC CONTENT 50 g/L (as supplied) | **MAXIMUM RAVOC** (Reactivity-Adjusted VOC) 25 g/L

SOLIDS BY VOLUME (ASTM D 2697) 41.0% ± 2% | **SOLIDS BY WEIGHT** 57.0% ± 2%

WEIGHT PER GALLON (ASTM D 1475): 11.79 lbs.

COMPOSITION BY WEIGHT

Pigment—42.7% | **Vehicle—57.3%**
 *Prime pigments 20.7 Resin solids 12.5
 Reinforcing pigments.....22.0 Water & additives 44.8

*Prime pigments include titanium dioxide (TiO₂), plus all other pigments directly adding to the hiding power of this paint.

RECOMMENDED FILM THICKNESS PER COAT

Wet: 3.6 mils | Dry: 1.5 mils

PERFORMANCE SPECIFICATION

Accelerated Weathering Results: Pass | **ASTM D4587-23; 504 hrs**

Accelerated Efflorescence Results: None visible - Pass |

ASTM D7072-04; 48 Hours exposure

Biological Growth Results: Pass | **ASTM D3273; 4 weeks**

Surfactant Leaching Results: None visible - Pass | **ASTM D7190**

PRACTICAL COVERAGE PER COAT AT RECOMMENDED DRY FILM THICKNESS

Approximately 400–475 sq. ft. per gallon, depending on surface conditions and application techniques.

THINNING RECOMMENDATION: This coating is intended to be applied without thinning or diluting under normal environmental and application conditions. If necessary to maintain good workability, add up to 1/4 pint (4 fl. oz.) of clean water per gallon of coating.

AVERAGE DRY TIME@77°F/25°C

To touch: 1–2 hours | Recoat: 4–6 hours

Dry times and recoat times are temperature, humidity and film thickness dependent.

APPLICATION EQUIPMENT: Brush, roller, airless spray

AIRLESS SPRAY	BRUSH	ROLLER
PRESSURE: 1800-2500 psi	Nylon/Polyester	Semi-Smooth Surfaces: 3/8" - 1/2" nap
TIP: .015"-.017"		Rough Surfaces: 3/4" - 1 1/2" nap

PACKAGING: Quart, one-gallon, five-gallon containers

STORAGE: Store in a dry area. Protect from freezing. Protect from temperatures above 110°F for extended periods of time. Extreme temperatures may cause paint to become unusable. See *Paint Storage Best Practices* Technical Bulletin at dunnedwards.com for more information.

CLEANUP: Warm, soapy water

DISPOSAL: For information on local options to dispose of unwanted leftover paint, call Dunn-Edwards Customer Service at 1-888-DEPAINT or visit www.dunnedwards.com. **Do not mix with other products.**

CONFORMS TO:

- ARB 2007/2022 SCM & CALGreen 2022
- LEED v4/4.1
- SCAQMD Rule 1113
- CA Extended Producer Responsibility
- MIR, HPD
- MPI Approved Product #10, #16
- CRGI Green Wise Certified

SAFETY DATA SHEET: Available at www.dunnedwards.com

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 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. Glossy surfaces should be dulled to provide a roughened surface for good adhesion.

SPECIAL INSTRUCTIONS

- **CAUTION!** Scraping or sanding surfaces of older buildings (especially pre-1978) may release dust containing lead or asbestos. EXPOSURE TO LEAD OR ASBESTOS CAN BE VERY HAZARDOUS TO YOUR HEALTH. Wear a NIOSH-approved N100 particulate filter mask to avoid breathing dust. Use a HEPA vacuum for cleanup, and finish by water-washing all surfaces. For more information, see Dunn-Edwards brochure on "Surface Preparation Safety" or call U.S. EPA's lead hotline at 1-800-424-LEAD, or visit www.epa.gov/lead or /asbestos, or contact your state or local Health Agency.
- This product can neither cause nor prevent or cure the growth of mold, mildew, or other forms of fungus. Excessive moisture and inadequate ventilation are the main conditions that promote their growth. Correct any such conditions before painting.
- Certain woods, such as redwood, cedar, and spruce, contain water-soluble extracts (tannins) that may discolor lighter colors. In these situations, it is recommended to prime the wood with **EZ-PRIME® Premium (EZPR00)** before applying **SPARTASHIELD® Exterior Flat (SSHL10)**.
- For best results on new rough-sawn wood, prime with **EZ-PRIME® Premium (EZPR00)** and apply two coats of **EVERSHIELD® Exterior Flat (EVSH10)**.
- When the air temperature is at 35°F, substrates may be colder; prior to painting, check to be sure the air, surface, and material temperature are above 35°F and at least 5°F above the dew point. Avoid using if rain or snow is expected within 2-3 hours, as in colder temperatures, it may require longer time before the paint film cures enough not to be affected by rain or snow. Do not apply at air or surface temperatures below 35°F or when air or surface temperatures may drop below 35°F within 48 hours.
- Standard latex primers cannot be used below 50°F. See the specific primer product information sheet for that product's application conditions.
- While we recommend applying our exterior latex paints within industry standard temperature ranges, they can be applied at temperatures up to 120°F. Refer to www.dunnedwards.com/technical-bulletins/ for more information.



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PRODUCT INFORMATION

PRIMERS

MASONRY

Stucco: }
Plaster: } **EFF-STOP® Premium (ESPR00),**
Tilt-up concrete: } **EFF-STOP® Select (ESSL00) or**
Poured-in-place: } **FLEX-PRIME® Select (FPSL00)**
Brick: }

Concrete block: } **Smooth BLOCFIL™ Premium (SBPR00),**
Smooth BLOCFIL™ Select (SBSL00) or
FLEX-PRIME® Select (FPSL00)

Smooth trowel: } **SUPER-LOC® Premium (SLPR00)**

WOOD

Trim, sash, fascia: }
T1-11 siding: } **EZ-PRIME® Premium (EZPR00),**
Rough-sawn: } **EZ-PRIME® Select (EZPR00)**

Masonite: }
Hardboard: } **ULTRA-GRIP® Premium (UGPR00) or**
MDO siding: } **ULTRA-GRIP® Select (UGSL00)**

METAL

Ferrous: } **BLOC-RUST® Premium (BRPR00) or**
ENDURAPRIME® Rust-Preventative Metal Primer
(ENPR00)

Non-ferrous: } **ENDURAPRIME® Galvanized Metal Primer (ENGM00),**
BLOC-RUST® Premium (BRPR00) or
SUPER-LOC® Premium (SLPR00)

Galvanized steel: } **ENDURAPRIME® Galvanized Metal Primer (ENGM00) or**
*ULTRA-GRIP® Premium (UGPR00)

*for incidental use on galvanized

****This product has been tested and certified by Coatings Research Group Inc., an international paint industry-organized ISO-accredited testing laboratory, to meet performance and environmental standards as shown on www.greenwisepaint.com. Dunn-Edwards is a member of CRGI.**

HEALTH & SAFETY CAUTIONS! INHALATION OF SPRAY MIST OR SANDING DUST MAY BE HARMFUL. Use only with adequate ventilation. Avoid breathing vapors, spray mist and sanding dust. Wear NIOSH-approved N100 particulate filter mask when spraying or sanding. Avoid contact with skin and eyes. Do not ingest. Close container after each use. **FIRST AID:** If swallowed, immediately give 1 or 2 glasses of water to drink – for emergency information, call 1-800-222-1222. If having difficulty breathing, move to fresh air. For eye contact, immediately flush with water for 15 minutes. For skin contact, wash thoroughly with soap and water.

• **KEEP OUT OF REACH OF CHILDREN** •

Ingredient (CAS #): Water (7732-18-5); Titanium Dioxide (13463-67-7); Copolymer Resin (Proprietary); Aluminosilicates (68476-25-5/37244-96-5) (68476-25-5); Quartz (14808-60-7).

⚠ **WARNING:** Cancer and Reproductive Harm – www.P65Warnings.ca.gov