



Engineered Coating Systems for the Built Environment

Odor Eliminating / Fire Resistant / Mold Resistant

GS-550[®]

**Durable Interior Coating
for
New Construction & Renovations**

Description:

AbShield™ GS-550[®] water-based emulsion coating is a new evolution in coating technology for the treatment of undesirable odors in new constructions and renovations. This innovative technology provides an environmentally friendly way to coat interior surfaces with unique properties. The coating dries and forms a breathable film to absorb and neutralize undesirable odors, while providing a superior stain blocking, fire resistant layer.

AbShield™ GS-550[®] dries quickly to an incredibly durable, odor eliminating layer on the affected interior surfaces that neutralizes and eliminates the odors while completely covering stains and graffiti.

AbShield™ GS-550[®] is uniquely designed in a light gray shade to allow easy coverage by lighter shades of additional paint and enhancing the depth of additional darker shades making it the ideal primer for surface preparation for final coats of desired interior paints.



Series Features:

Complete Neutralization & Odor Elimination

- Absorbs, neutralizes & eliminates all odors on material surfaces emitting and exposed to:
 - o Stale & musty conditions (mold type odors)
 - o Smoke from fire
 - o Smoke from tobacco products
 - o Strong odors absorbed into the walls and other surfaces including unknown odor causing airborne contaminants, liquids and gases
 - o Pets

- Two coats are recommended on wall and interior surfaces

Fire Resistant Primer

- Provides a flameproof coating for interior walls, ceilings and related surfaces
- Excellent coating primer for wood surfaces where fire resistance is desired
- Resistant to direct flame exposure
- Retards flame propagation along coated surface

Outstanding Stain / Marking Coverage

- Excellent one coat hide
- Covers all stains and wall markings:
 - o Crayon / Marker / Pencil / Ink / Lipstick
 - o Food stains
 - o Nicotine
 - o Water damage
 - o Rust
 - o Tannin
 - o Grease
 - o Asphalt based materials

Paint Finish

- Dried film guaranteed to resist mold, mildew and fungus growth
- Rust inhibitive dried film
- Superior adhesion
- Flat finish
- Low spatter
- Resistance to peeling, cracking, or blistering
- Outstanding abrasion and scratch resistance
- Dries in minutes / Ready for re-coating in 30 minutes
- Safe / easy soap and water clean-up



Recommended Applications

Apply to new or previously painted surfaces

- Drywall
- Plywood / OSB
- Wood stud networks
- Steel stud networks, aluminum frames and siding
- Cement board products and Masonite's
- Concrete and Masonry
- Plaster, Stucco and Brick
- Wall coverings
- Wood and metal panels

Environmentally Friendly

Water-based environmentally "green" coating

- Low odor
- Ultra low VOC
- Formaldehyde free
- Carcinogen free
- Halogen free – contains no brominated or chlorinated compounds
- APE free - contains no ethoxylated alkyl phenols
- Contains no mercury (Hg) or lead (Pb) based materials

Application:

- Stir thoroughly
- Apply primer with a high quality roller, paint brush, paint pad, or spray equipment.
- For best results, thinning is not recommended
- Apply product when conditions are between 40°F and 90°F (4°C and 32°C)

Coverage:

- For non-porous, smooth, primed surfaces, approximately 400 sq ft per US gallon
- Porous and unprimed surfaces may require an additional coat
- Coverage rates may vary depending upon method of application

Surface Preparation:

- Remove all loose and peeling paint, excess dirt, grease, and other surface contaminants from wall and / or related surface
- Sand glossy and rough surfaces as needed
- Putty all nail holes / Caulk all cracks and open seams with compatible materials
- In preparation, if the release of lead dust or particles is a concern, contact the National Lead Information Hotline at 1-800-424-LEAD or www.epa.gov/lead to find out how to protect yourself



Drying Time:

- Average drying time to touch is approximately 30 minutes at 77°F (25°C)
- Temperature, air flow, and humidity can affect drying time
- When necessary, usually ready for second coat within 1 hour

Clean-Up:

- Clean painting tools with warm, soapy water

Disposal:

- Avoid pouring unused material in drains and sewers
- Contact local authorities for proper disposal guidelines for paint related products

Product Storage:

- Recommended storage temperatures for AbShield™ GS-550® is between 40°F and 90°F
- Protect material from freezing

Product Specifications:

Product #: CRG-062110

Product Name: AbShield™ GS-550®

Color: Light Gray

Finish: Flat

Coverage: Recommended at 400 ft² per US gallon (10 m² / L)

Drying Time: At 77°F (25°C) and 50% RH, 30 minutes to touch & 1 hour to re-coat

Reflectance: 90% +/- 1%

Flame Spread Rating: Class A (0 – 25) on non-combustible substrates

Flash Point: None

Solids: 40% +/- 1%

Density: 10.35 lbs. / US gallon (1.24 g/ml)

Vapor Density: Heavier than air

Shelf Life: 1 year minimum for unopened containers



Packaging:

5 gallon pails (18.925 L)

1 gallon pails (3.785 L)

Shipping Classification:

Water-based paint / Freezable

Flash Point – None

HMIS Rating

- Health – 1
- Flammability – 0
- Reactivity – 0
- Protection - B

Warranty:

- Limited lifetime warranty

Limitation of Liability:

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