



Architectural Coatings

PPG Speedhide Super Tech MG Interior Epoxy Ester Dry Fog Flat

GENERAL DESCRIPTION

Speedhide Super Tech MG Epoxy Ester Interior Dry Fog is a premium, low odor, high solids flat designed for interior ceilings and overhead surfaces. With its excellent adhesion to a variety of substrates. This dry-fog may be used direct-to-metal in interior, dry areas and as a single coat finish on most surfaces. Designed for excellent hiding at a reduced film thickness, less paint is needed to create a uniform finish. Speedhide Super Tech MG Epoxy Ester Dry Fog will yellow less than conventional alkyd dry-fogs. Its higher hiding white finish has high light reflectance that dry falls in 8 feet under normal conditions. Speedhide Super Tech MG Epoxy Ester Dry Fog is ideal for gymnasiums, commercial warehouses, factories, retail outlets, parking structures.

For Professional Application Only. Not Intended Or Labeled For Consumer Use.

RECOMMENDED SUBSTRATES

- Aluminum
Concrete/Masonry Block
Concrete, Masonry
Ferrous Metal
Galvanized Steel
Gypsum Wallboard-Drywall
Plaster
Pre-Primed Metal Roof Decking
Wood

PRODUCT INFORMATION

- 6-157 White
6-159 Black

Refer to the appropriate color formula book, automatic tinting equipment, and or computer color matching system for color formulas and tinting instructions.

PACKAGING

- 5-Gallon (18.9 L)
55-Gallons (208 L)

Not all products are available in all sizes.

FEATURES / BENEFITS

- Features
Excellent hiding power and coverage
Dry falls at eight feet
Excellent adhesion to a variety of substrates
Tolerates overbuild
Light reflecting white
High spread rate
Single coat finish on most surfaces
Epoxy ester formula

- Benefits
Hides surface imperfections
Reduces masking of equipment & cleanup
Resists flaking and peeling
Resists mud cracking
Increases lighting efficiency
Less paint needed
Turns jobs faster & reduces labor
Yellows less than conventional alkyds

PRODUCT DATA

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- PRODUCT TYPE: Epoxy Ester
SHEEN: Flat, 0-5 @ 85°
VOLUME SOLIDS*: 49% +/- 2%
WEIGHT SOLIDS*: 73% +/- 2%
WEIGHT/GALLON*: 12.5 lbs. (5.7 kg) +/- 0.2 lbs. (91 g)
VOC: <400 g/L (3.3 lbs./gal.)
LIGHT REFLECTANCE*: 81 (minimum)

*Product data calculated on product 6-157.

COVERAGE: Approximately 300 to 400 sq. ft. (28 to 37 sq. meters) per U.S. Gallon (3.78L) on smooth, nonporous surfaces.

- Wet Film Thickness: 4.0 to 5.3 mils
Wet Microns: 102 to 135
Dry Film Thickness: 2.0 to 2.6 mils
Dry Microns: 51 to 66

Coverage figures do not include loss due to surface irregularities and porosity or material loss due to application method or mixing. Some colors, drastic color changes, or porous substrates may require more than one coat to achieve a uniform finish.

- DRYING TIME: Dry time @ 77°F (25°C); 50% relative humidity.
To Touch: 45 minutes
To Recoat: 12 hours
Dry Fall: 8 ft.

Drying times listed may vary depending on temperature, humidity, film build, color, and air movement. Variations in temperature, humidity, color, and ventilation may affect dry fall distance.

CLEANUP: Clean tools with mineral spirits.

DISPOSAL: Dispose of contents and container in accordance with all local, regional, national and international regulations.

FLASH POINT: 109°F (43°C)

Table with 3 columns: Property, Test Method, Result. Rows include Adhesion, Impact Resistance, Flexibility, Pencil Hardness.

Read Label and Safety Data Sheet prior to use. See other cautions on last page.

GENERAL SURFACE PREPARATION

Surfaces to be coated must be dry, clean, sound, and free from all contamination including loose and peeling paint, dirt, grease, oil, wax, concrete curing agents and bond breakers, chalk, efflorescence, mildew, rust, product fines, and dust. Remove loose paint, chalk, and efflorescence by wire brushing, scraping, sanding, and/or pressure washing. Putty all nail holes and caulk all cracks and open seams. Sand all glossy, rough, and patched surfaces. Feather back all rough edges to sound surface by sanding. Prime all bare and porous substrates with an appropriate primer as recommended in primers section. If unsure of suitability of the substrate for painting, first spot check the product to test for adhesion performance.

ALUMINUM: This substrate may present potential adhesion problems. Any coating applied directly to aluminum should be spot applied, allowed to cure overnight, and then evaluated for adhesion. If adhesion is good, the application may proceed.

CONCRETE and MASONRY: New concrete should cure for at least 30 days and preferably 90 days prior to priming and painting. The pH of the substrate must be less than 10 before painting.

CONCRETE/MASONRY BLOCK: Mortar should cure for at least 30 days and preferably 90 days prior to priming. Fill block with an appropriate block filler. Surfaces previously coated with water thinned cement-based paint must be prepared with extra care. If the material appears to be adhering tightly, a masonry sealer may be applied to seal the surface. Check adhesion by applying a piece of masking tape. If the sealer peels off and has loose particles, remove all chalking or crumbling material, re-seal and re-check adhesion.

FERROUS METAL: The surface must be cleaned thoroughly to remove any dust, rust, and surface contaminants, and then primed.

GALVANIZED STEEL: Caution must be used when selecting coatings for use on all galvanized metal surfaces. These substrates may have a factory-applied stabilizer, which is used to prevent white rusting during storage and shipping. Such stabilizers must be removed by either brush blasting, sanding or chemical treatment prior to painting.

GYPSON WALLBOARD-DRYWALL: Nails or screws should be countersunk, and they along with an indentations should be mudded flush with the surface, sanded smooth and cleaned to remove any dust prior to painting the substrate.

PLASTER: Plaster, hardcoat, skim coat, or other alkaline surfaces should be allowed to cure for at least 30 days prior to painting.

PRE-PRIMED METAL ROOF DECKING: This substrate may present potential adhesion problems. Topcoats should be spot applied, allowed to cure overnight, and then evaluated for adhesion. If adhesion is good, the application may proceed.

WOOD: Unpainted wood or wood in poor condition should be sanded smooth, wiped clean, then primed. Any knots or resinous areas must be sealed before painting. Countersink all nails, putty flush with surface, then prime.

RECOMMENDED PRIMERS

Aluminum	6-208, 4360, 4160, Self-priming
Concrete / Masonry Block	6-7, 6-15 (block fillers)
Concrete, Masonry	4-603XI, 17-921XI, Self-priming
Ferrous Metal	6-208, 4360, 4160, Self-priming
Galvanized Steel	4360, 4160, Self-priming
Gypsum Wallboard-Drywall	6-2, 6-4, 9-900
Plaster	4-603XI, 17-921XI, Self-priming
Pre-Primed Metal Roof Decking	Self-priming
Wood	6-2, 9-900, 17-921XI, Self-priming

LIMITATIONS OF USE

FOR PROFESSIONAL APPLICATION ONLY. NOT INTENDED OR LABELED FOR CONSUMER USE. FOR INTERIOR USE ONLY. Apply when air, surface and product temperatures are between 50°F and 90°F (10° and 30°C) and surface temperature is at least 5°F (3°C) above the dew point. Intended for spray application only. Not recommended for immersion service. Swept up dry overspray may ignite spontaneously. Wet and dispose of all collected dry overspray immediately. Some types of machinery and equipment may still require covers as a protection against possible damage to working parts (such as bearings, etc.) Clean any dry overspray before rolling scaffold or allowing foot traffic into area. Proper ventilation is required to prevent excessive humidity build-up which would inhibit dry-fogging properties. Test all spray equipment in a remote area for the proper tips, pressure settings and free-fall drying before proceeding.

All epoxy ester products change color with age. The yellow discoloration is most visible in white and light colors. PPG latex products are recommended when yellowing is a concern.

APPLICATION INFORMATION

Stir thoroughly before using and occasionally when in use. When using more than one can of the same color, intermix to ensure color uniformity. Dry fog paint dries at varying distances from the area being sprayed. It is dependant upon the degree of air movement, temperature color, and humidity conditions. At higher relative humidities, it will dry more slowly. Test free falling drying distance before proceeding. USE WITH ADEQUATE VENTILATION. KEEP OUT OF REACH OF CHILDREN. Read all label and Safety Data Sheet (SDS) information prior to use. SDS are available through our web site or by calling 1-800-441-9695.

Application Equipment: Apply with airless spray equipment.

Airless Spray: : Pressure 1500-3000 psi, tip 0.017" - 0.019". Where necessary, apply a second coat and allow each coat to dry thoroughly before applying the next coat. Changes in application equipment, pressure and/or tip sizes may be required depending on ambient temperatures and application conditions. Spray equipment must be handled with due care and in accordance with manufacturer's recommendation. High-pressure injection of coatings into the skin by airless equipment may cause serious injury. Explosion-proof equipment must be used when coating with these materials in confined areas. Keep containers closed and away from heat, sparks, and flames when not in use.

Thinning: Do not thin.

Permissible temperatures during application:

Material:	50 to 90°F	10 to 32°C
Ambient:	50 to 90°F	10 to 32°C
Substrate:	50 to 90°F	10 to 32°C

PRECAUTIONS

DANGER! FLAMMABLE LIQUID AND VAPOR. CAUSES SERIOUS EYE IRRITATION. MAY CAUSE CANCER. Prolonged or repeated contact may dry skin and cause irritation. Causes damage to organs through prolonged or repeated exposure (central nervous system (CNS), kidneys, liver). Sanding and grinding dusts may be harmful if inhaled. This product contains crystalline silica which can cause lung cancer or silicosis. The risk of cancer depends on the duration and level of exposure to dust from sanding surfaces or mist from spray applications. Repeated exposure to high vapor concentrations may cause irritation of the respiratory system and permanent brain and nervous system damage. Inhalation of vapor/aerosol concentrations above the recommended exposure limits causes headaches, drowsiness and nausea and may lead to unconsciousness or death. Avoid contact with skin and clothing. Wash thoroughly after handling. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves. Wear eye or face protection. Wear protective clothing. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not breathe vapor. Keep container tightly closed. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Emits toxic fumes when heated. **Note: These warnings encompass the product series. Prior to use, read and follow product-specific SDS and label information.**

FIRST AID: Get medical attention if you feel unwell. IF exposed or concerned: Get medical attention. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention. Keep out of the reach of children. For workplace use, an SDS is available from your retailer or by calling 1-800-463-7426. EMERGENCY TELEPHONE NUMBER: 514-645-1320 (Canada).

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