



Architectural Coatings

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, unlike conventional alkyd dry-fogs, 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.

RECOMMENDED SUBSTRATES

Table with 2 columns: Substrate, Recommendation. Includes Aluminum, Concrete, Ferrous Metal, Galvanized Steel, Masonry, Plaster, Pre-Primed Metal Roof Decking, Stucco.

APPLICATION INFORMATION

Stir thoroughly before use. Free Fall: 8 to 10 ft. (2.4 - 3.0 m). 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 Material Safety Data Sheet (MSDS) information prior to use. MSDS are available through our website or by calling 1-800-441-9695.

Application Equipment: Apply with airless spray equipment. Minimum requirements: Pressure 2000 psi, tip 0.015" - 0.021". Where necessary, apply a second coat and allow each coat to dry thoroughly before applying the next coat. Changes in application equipment, pressures 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:

Table with 3 columns: Material, Ambient, Substrate and their corresponding temperature ranges in °F and °C.

FEATURES AND 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

SPEEDHIDE® SUPER TECH® MG Interior Dry-Fog Flat Epoxy Ester

TINTING AND BASE INFORMATION

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

Table with 2 columns: Color Code, Base Name. Includes 6-157 White and Pastel Base, 6-159 Black.

Some colors, drastic color changes, or porous substrates may require more than one coat to achieve a uniform finish.

PRODUCT DATA

Table with 2 columns: Property, Value. Includes Product Type (Epoxy Ester), Sheen (Flat: 0 to 5 (85° Gloss Meter)), Volume Solids* (50% +/- 2%), Weight Solids* (74% +/- 2%), VOC* (391 g/L (3.3 lbs./gal.)), Light Reflectance* (81).

WEIGHT/GALLON*: 12.5 lbs. (5.7 kg) +/- 0.2 lbs. (91 g)

*Product data calculated on product 6-157.

COVERAGE: Approximately 310 to 405 sq. ft./gal. (28.7 to 37.6 sq. m/3.78L) per U.S. Gallon (3.78 L) on nonporous surfaces. Coverage figures do not include material loss due to application.

Table with 2 columns: Property, Value. Includes Wet Film Thickness (4 to 5 mils), Wet Microns (102 to 127), Dry Film Thickness (2 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.

DRYING TIME: Dry time @ 77°F (25°C); 50% relative humidity.

Table with 2 columns: Property, Value. Includes To Touch (45 minutes), To Recoat (12 hours), Free 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: Xylol Thinner, 97-727

DANGER: Rags, steel wool or waste soaked with this product may spontaneously catch fire if improperly discarded. Immediately after use, place rags, steel wool or waste in a sealed water-filled metal container. Refer to www.ppgac.com, Spontaneous Combustion Advisory for additional information.

DISPOSAL: Contact your local environmental regulatory agency for guidance on disposal of unused product. Do not pour down a drain or storm sewer.

FLASH POINT: 108°F (42°C)

Benefits

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

PERFORMANCE DATA

Table with 6 columns: Property, Test Method, Result. Includes Adhesion (ASTM D3359, Passes), Impact Resistance (ASTM D2794, Passes), Flexibility (ASTM D522, Passes), Pencil Hardness (ASTM D3363, 2B).

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. **WARNING!** If you scrape, sand, or remove old paint, you may release lead dust or fumes. **LEAD IS TOXIC. EXPOSURE TO LEAD DUST OR FUMES CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE.** Wear a properly fitted NIOSH-approved respirator and prevent skin contact to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the USEPA National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead. In Canada contact a regional Health Canada office. Follow these instructions to control exposure to other hazardous substances that may be released during surface preparation.

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 priming with an alkali resistant primer.

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 priming.

PLASTER: Plaster, hardcoat, skim coat, or other alkaline surfaces should be allowed to cure for at least 30 days prior to priming with an alkali resistant primer.

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.

STUCCO: New stucco 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 priming with an alkali resistant primer. Surface chalk from the curing or aging process should be removed then sealed with an appropriate sealer to rebind and restore the surface to a sound condition.

RECOMMENDED PRIMERS

Aluminum	6-204, 17-921, Self-priming
Concrete	4-603, 17-921, Self-priming
Ferrous Metal	6-208, 90-712, 90-912, Self-priming
Galvanized Steel	6-209, 17-921, Self-priming
Masonry	4-603, 17-921, Self-priming
Plaster	4-603, 17-921, Self-priming
Pre-Primed Metal Roof Decking	Self-priming
Stucco	17-921, Self-priming

PACKAGING

5-Gallon (18.9 L)

LIMITATIONS OF USE

Apply when air, surface and product temperatures are between 50°F and 90°F (10° and 30°C). Surface temperature must be at least 5°F (3°C) above the dew point. Intended for interior spray application only. Swept up dry overspray may ignite spontaneously. Wet and dispose of all collected dry overspray immediately. Sweep up dry overspray before rolling scaffold or allowing foot traffic into area. 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. Not recommended for use on floors, machinery, or in direct contact with corrosive chemicals, or immersion service.

FOR INTERIOR USE ONLY. 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.

PPG Architectural Finishes, Inc. believes the technical data presented is currently accurate; however, no guarantee of accuracy, comprehensiveness, or performance is given or implied. Improvements in coatings technology may cause future technical data to vary from what is in this bulletin. For complete, up-to-date technical information, visit our web site or call 1-800-441-9695.



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