

# PRODUCT

## INFORMATION



## Techgard® Epoxy Ester Low Odor Dry Fall S4535

### DESCRIPTION :

Techgard® Epoxy Ester Low Odor Dry Fall is a high solids industrial grade dry fall coating designed for application to a variety of interior substrates. Its high hiding and high light reflectance properties allow for single coat coverage under most industrial conditions. When applied to properly prepared surfaces, it produces an intense white finish which increases the lighting efficiency in the area and promotes a safe working environment.

Techgard® Ester Low Odor Dry Fall unlike conventional alkyd dry falls, can be applied directly to galvanized substrates without fear of delaminating due to saponification. It is ideal for application to interior metal, ceilings, tilt up concrete walls, and structural steel surfaces. The “sweet” odor won’t drive the other trades off the project site.

### USES :

Ferrous metal ceiling decks	Structural steel
Primed Galvanized ceiling decks	Concrete walls
Bar joists	

**SIZES :** Available in 5 gallon containers.

### SURFACE PREPARATION :

Surface must be free of dirt, oil, moisture, grease, and other contaminants. Ferrous Metal should be cleaned according to SSPC SP-2 or SP-3. For optimum protection in corrosive environments, apply over a primer. Galvanizing should be cleaned according to SSPC SP-1. **Chromate pretreatments must be removed by abrasive blasting and primed with a an adequate galvanized metal primer.**

**MIXING:** Stir and box before use.

### TECHNICAL DATA

<b>Vehicle:</b>	Alkyd Modified Epoxy Ester
<b>Components:</b>	One (color: white)
<b>Sheen:</b>	Flat
<b>Flash Point:</b>	97°F
<b>% Solids:</b>	By Volume: 50.0%
<b>VOC Level:</b>	3.34 lbs./gal. (400 gm/l)
<b>Rec. Film Thickness:</b>	2.0 - 4.0 mils dry film. (4.0 - 8.0 mils wet film, unthinned)
<b>Spreading Rate:</b>	200 to 400 sq. ft./gal. (theoretical); Approx. 110 to 150 with over spray
<b>Shelf Life:</b>	1 year
<b>Application:</b>	Apply by airless or conventional spray.
<b>Drying Time @ 77°F (25°C):</b>	Set to touch 20 mins. Dry to handle 1 hr. Dry to recoat overnight.
<b>Fall Dry @ 77°F (25°C):</b>	10 feet
<b>Thinning:</b>	Not Recommended
<b>Cleanup:</b>	<100° Clean up w/Techgard Reducer #8 >100° Clean up w/Mineral Spirits

**Limitations:** NOT INTENDED FOR IMMERSION SERVICE. Do not apply to bare galvanized metal. Do not apply when surface temperature is less than 5°F (3°C) above the dew point or when surface temperature is below 50° F. Tinting of the product may affect the dry fall properties of the coating. Do not use in high alkaline environments with a pH greater than 9.0.

### INDUSTRIAL USE ONLY

Technical Information Line:  
1-800-BUY-PRAT (1-800-289-7728)

Website Address:  
[www.prattandlambert.com](http://www.prattandlambert.com)

**Application:** Recommended Equipment

**Airless:** .019 to .021 orifice tip  
2500 psi



RECOMMENDED SYSTEMS

**FERROUSMETAL:**

(mild environments)

- 1 or 2 coats Techgard® Epoxy Ester Low Odor Dry Fall S4535 at 2.0 - 4.0 mils DFT/ coat

**GALVANIZEDMETAL:**

***MUST BE PRIMED WITH ADEQUATE GALVANIZED METAL PRIMER***

and

- 1 or 2 coats Techgard® Epoxy Ester Low Odor Dry Fall S4535 at 2.0 - 4.0 mils DFT/ coat

**MASONRY, CONCRETE WALLS:**

- 1 or 2 coats Techgard® Epoxy Ester Low Odor Dry Fall S4535 at 2.0 - 4.0 mils DFT/ coat

or

- 1 coat Enducryl® Heavy Duty Block Filler Z8465 at recommended film thickness

(and)

- 1 or 2 coats Techgard® Epoxy Ester Low Odor Dry Fall S4535 at 2.0 - 4.0 mils DFT/ coat

For Additional Recommended Coating Systems Contact Your Pratt & Lambert Sales Executive.