



DC315 Intumescent Coating

Your one step solution for Polyurethane Foam “**15 Minute Thermal Barrier**” and “**Ignition Barrier**” ratings.

DC315 is a Certified Warnock Hersey listed and rated product which has passed certified testing for both the (UL-1715) 15 minute Thermal Barrier and the NFPA 286 (AC-377 standards) as an Ignition Barrier.

DC315 applies as easily as regular latex paint and being a water base cleans up in a snap. Using DC315 will satisfy code compliance on “15 Minute Thermal Barriers” and “Ignition Barriers” on your next foam job means:

- **Large single coat spread rate**
- **UL 1715 Thermal Barrier**
 - (88.88 sq. ft./gal @ 18 mils wet and 12 mils dry) coverage rate of 1.136 gallons (4.3 L) per 100 square feet (9.3 m²)
- **NFPA 286 (AC377) Attic Crawl Space Ignition Barrier**
 - (130 sq. ft./gal @ 12 mils wet 8 mils dry) coverage rate of .77 gallons (2.9 L) per 100 square feet (9.3 m²)
- **Reduced labor cost, reduced material cost and higher profits**
- **Fast turnaround time**
- **Easily applied with a sprayer, brush or roller**
- **No complicated mixing- just stir the paint before application**
- **No waste**
- **Fast and easy clean up of our water based latex product, tools & equipment**
- **Will not gum up or block spray equipment**
- **Passed strict EPA – VOC and AMQD tests**
- **No formaldehyde**
- **Non Toxic, Low Vapors, Low VOCs less than 50 making DC-315 a Green Product**
- **Earn 2 LEED points for using DC-315**
- **Two year shelf life**
- **Certified Code Compliant Coating**



RECOMMENDED USES: This product is designed for use on interior polyurethane foam surfaces.

USED BY: Schools, Colleges, Nursing Homes, Child Care Centers, Hospitals, Penal Institutions, Apartments, Hotels, Factories, Warehouses, Retail Stores, Restaurants, Utilities, Railroad and other Transportation Companies, Oil and Chemical Installations, Military Installations, and other facilities where fire retardant coatings are required.

PRECAUTIONS: Adequate ventilation must be provided during and after application until the coating has dried. Avoid breathing vapors or spray mist. Close container after use. **Read MSDS before opening containers.**



SURFACE PREPARATION: Can be applied directly to fully cured polyurethane foam surfaces. All surface preparation should be carried out in accordance with good painting practices. Remove all loose, peeling or powdery existing paint from the surface. All dirt, grease, oil, wax, and other foreign matter **MUST** be removed with a detergent, rinse surface thoroughly with clear water, and allow drying.

APPLICATION EQUIPMENT: DC315 can be applied by brush, roller or airless sprayer

- **Brushing:** Use top quality polyester/nylon blend brushes such as those supplied by Purdy, Wooster, or equivalent
- **Rolling:** 3/8" polyester blend nap roller covers generally work well
- **Spraying:** Pump: (Graco) for best results use Graco 795 airless sprayer, with a minimum 2000 PSI
 - Tip: 526 – 529 or equivalent
 - Filter: 60 mesh
 - Hose: Use minimum size of 3/8" airless spray line for the first 50' from pump
- **Airless Spray:**
 - Fluid Pressure:2000 PSI or higher
 - Strainer:60 Mesh
 - Fluid Hose:3/8 diameter with a 1/4" whip
 - Tip:021 - .029
- **Conventional Spray**
 - Air Supply.....12 CFM, 50 psi at nozzle,
 - Fluid.....15-20 psi
 - Gun.Graco 217-800 to 217-816
 - TypeExternal Mix
 - ReductionUp to 7%

APPLICATION: Stir thoroughly and apply WFT per test. Do not apply in temperatures below 50°F (10°C).

CHARACTERISTICS:

ASTM E 84 Testing	Flame Spread of 5, Smoke Development of 300
Finish	Flat
Color	Off-White
Spreading Rate	For 15 minute Thermal Barrier (88.88 sq. ft./gal @ 18 mil wet and 12 mils Dry) coverage rate of 1.136 gallons (4.3 L) per 100 square feet (9.3 m ²)
Spreading Rate	For AC377 Attic Crawl Space (130 sq. ft./gal @ 12 mil wet 8 mils Dry) coverage rate of 77 gallons (2.9 L) per 100 square feet (9.3 m ²)
V.O.C.	(47 g/l)
Volume Solids	65%
Drying Time @ 77°F & 50% RH	To touch in 1-2 hours, to recoat 2-4 hours
Type of Cure	Coalescence
Flash Point	None
Reducer/Cleaner	Water
Shelf Life	2 years (unopened)
Packaging	5 gallon pails
Shipping Weight	5 gallon pail – 58 lbs
Application	Brush, roller, conventional and airless spray