



DC315 Certified Approved Thermal - Ignition Barrier Over Polyurethane Spray Foam



All model Building Codes mandate that polyurethane spray foam be separated from the interior of the building by a 15 minute thermal barrier or other approved covering. DC315 has passed certified ULC S101, NFPA 286 and UL 1715 testing, at recognized 3rd party testing facilities, over a variety of open and closed cell spray polyurethane foams. It complies with all the requirements of 2006 IBC Section 803.2.1; 2009 IBC Section 803.1.2 and Section 2603.9; 2012 IBC Section 803.1.2 and Section 2603.10 **“Special Approvals for Thermal Barriers over Foam Plastics”**. DC315 also meets the requirement as an Ignition Barrier per AC 377, Appendix X at an incredible spread rate of 400 sq. ft. per gallon.

DC315 tested solutions for the Spray Polyurethane Foam

- More full scale Thermal and Ignition Barrier tests than any other product in the world
- DC 315 - 3rd. party inspected for Quality Control: Warnock Hersey Intertek W/N 20947
- Tested useful life, fire resistant property is not compromised after 50 years
- Top coat for color, weather & moisture protection, tested, via NFPA 286 full scale testing
- ANSI 51 testing for incidental food contact
- Passed CAL 1350 - qualify DC 315 as a low-emitting material in the Collaborative for High Performance Schools rating system (CHPS Designed & CHPS Verified)
- Passed strict EPA – V.O.C. and AQMD air emission requirements (for all 50 states)
- 3rd Party tested “Single Coat Coverage” up to 24 Mils WFT, on ceilings and walls, reducing labor costs equaling higher profits
- Meets Life Safety Code 101
- Meets LEED’s point requirements
- No formaldehyde



Characteristics

- **Finish:** Flat
- **Color:** Ice Gray, White and Dark Grey are special order
- **V.O.C.:** (47 g/l)
- **Volume Solids:** 67%
- **Drying Time:** @ 77°F & 50% RH To touch 1-2 hours to recoat 2 to 4 hours
- **Type of Cure:** Coalescence
- **Flash Point:** None
- **Reducer/Cleaner:** Water
- **Shelf Life:** 1 year (unopened)
- **Packaging:** 5 & 55 gallon containers
- **Shipping weight:** 5 gallon pail - 58 lbs. 55 gallon drum - 640 lbs.
- **Application:** Brush, roller, conventional and airless spray



Testing and Certification

- **ASTM E84** - Flame Spread 0 Smoke 25
- **CAN/ULC S102 FSR 23 SDC 145** - (tested as a system over SPF)
- **UL 1715, NFPA 286** - over 130 test passed
- **CAN/ULC S 101** - 25 minutes as a system over SPF
- **WH Listed** - Spec ID 32890

