

# HULK SYSTEMS: FIRE TESTING

ASTM E84 VS. ASTM E119



HULK  
SYSTEMS

# ASTM E84



**Hulk Systems: Waterproofing Builders Grade** meets ASTM E84, which assesses how quickly flames and smoke spread across the surface of a material.

# ASTM E119

**ASTM E119** relates to building materials with sheer resistance and a fixed thickness. They are testing more for heat, gas, and smoke transmission rates through a substrate's surface.

- The test exposes a test specimen to a standard fire controlled to achieve specified temperatures throughout a specified time period.
- For walls, partitions, and floor or roof test specimens: Measurement of the transmission of heat.
- For load-bearing elements, measurement of the load carrying ability of the test specimen during the test exposure.



# ASTM E84 VS. ASTM E119 FOR HULK SYSTEMS



Coatings are applied extremely thin in comparison, at variable thicknesses throughout an application. The only coatings that can achieve the **ASTM E119** standard are high-build cementitious coatings, which are non-combustible. However, build systems or wall systems that incorporate a coating are tested, just not coatings alone.