

ASTM E84 Surface Burning Characteristics

Reported as measured, per finish. Eco Ceiling Systems PVC stretch ceiling membrane.

RESULTS

Finish	Flame Spread	Smoke Developed	Report
High gloss	5	300	M2097.01-121-24
Matte	10	300	M2097.02-121-24
Satin	15	250	M2097.03-121-24

Testing laboratory: Intertek. Test method: ASTM E84, Standard Test Method for Surface Burning Characteristics of Building Materials.

HOW THESE RESULTS MUST BE READ

- 1. Specimens were WHITE. The results do not cover pigmented, printed, translucent, acoustic, metallic or mirror film.
- 2. THE LABORATORY ASSIGNED NO CLASSIFICATION. A Class comparison against code criteria is made by the design professional and the authority having jurisdiction, not by Eco Ceiling Systems.
- 3. Specimens were NOT mounted per ASTM E2573, the practice written for site-fabricated stretch systems.
- 4. Samples were not independently selected by the laboratory.
- 5. Values apply to the membrane alone, not to an installed assembly.

RETURN-AIR PLENUMS

A smoke developed index of 250 to 300 is well above the limit generally applied to material exposed in a return-air plenum. On this data the membrane is NOT permitted in a return-air plenum. Where the ceiling cavity is used as a return-air plenum, the project requires either plenum-qualified material or a ducted return.

WHAT WE DO NOT HOLD

We will say this plainly rather than let it surface at submittal. Eco Ceiling Systems holds no NFPA 701, no NFPA 286 or 265, no ASTM E2573, no UL 2043 plenum rating, no BS 476, no Euroclass A1 classification, and no Florida Product Approval or Miami-Dade Notice of Acceptance for membrane or track. If your permit path or specification requires any of these, tell us early and we will say whether the project is a fit.