



LISTING INFORMATION OF

Coopers Fire Ltd. SmokeStop Smoke Barrier (With Overlap)

SPEC ID: 27984

Coopers Fire Ltd.
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LISTING INFORMATION

Coopers Fire Ltd. SmokeStop Smoke Barrier (With Overlap) protective curtain assembly, for use in steel stud/gypsum or masonry wall applications.

AIR LEAKAGE RATINGS

| Test Standard | Test Type | Rating ^{a, b} |
|---------------|----------------------|--|
| UL 1784 | Ambient Temperature | ≤3.0 cfm/ft ² at up to 0.10 in. of w.c. |
| UL 1784 | Elevated Temperature | ≤3.0 cfm/ft ² at up to 0.10 in. of w.c. |

^aThis assembly was tested with an artificial bottom seal. The assembly is not to be installed in areas where pressurization is provided to control smoke movement in accordance with Section 4.3.2 of NFPA 105 (2019) or for hoistway opening protection and lobby doorways where prohibited in Chapter 30 of the 2018 IBC

^bA pair of two-inch brushes are required at the head of the curtain to meet air leakage ratings, a single one-inch brush at each side guide is optional based on test results. Brushes must be listed & labeled for fire applications.

SIZE LIMITATIONS

| Minimum (Tested) Size | Maximum Size ^a |
|-----------------------|---------------------------|
| 7'0" tall x 7'0" wide | 48'0" tall x 500'0" wide |

^aOversize labels are not required for this assembly. Assembly dimensions must comply with the minimum and maximum values listed above.

Minimum Bottom Bar weight: 0.30 lbs per sq. ft. of curtain area

Maximum Curtain Rivet spacing: 15" on-center

Side Guide anchorage: 1/4" anchors spaced maximum 18" on-center

Top Hood/Assembly mounting: maximum 40" on-center

Minimum Overlap: 23-5/8" (600mm)

Passage Door (Optional): A passage door using a split bottom bar secured by stainless steel hook & loop may be incorporated into the curtain at overlap locations

| Attribute | Value |
|--------------------------|-------------------------------------|
| Criteria | UL 1784 (2004) |
| Criteria | UL 1784 (2015) |
| CSI Code | 08 30 00 Specialty Doors and Frames |
| Intertek Services | Certification |
| Listed or Inspected | LISTED |
| Listing Section | SMOKE CONTROL DOOR ASSEMBLIES |
| Report Number | G100376718 |
| Spec ID | 27984 |
| Verification Test Type | ASTM E1252 |
| Verification Testing | YES |
| Verification Testing Lab | MID - Middleton, WI |