

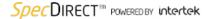


Stoebich Fire & Smoke Curtain HC

SPEC ID: 34200

Stoebich Brandschutz GmbH Pracherstieg 6 Goslar, X 38664 Germany

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LISTING INFORMATION

Stoebich Fire & Smoke Curtain HC is designed for use as a protective horizontal fire and vertical smoke and draft-control assembly for rated deployable curtain applications. All curtain assemblies are equipped with side guides and rods, and an interlocking receiving edge that functions to seal the curtain to the end track. The HC curtain assemblies are constructed utilizing the Heliotex EW 120 fabric.

The system is powered by standard AC power. Some models can also be equipped with a battery back-up system that is recharged from the electronic controls. The electronic controls have system diagnostics and fault deploy features and (where applicable) battery monitoring.

The system is deployed upon a signal from the local smoke detection system located in the area being protected³ After the alarm condition clears, the curtain automatically rewinds into the housing.

FIRE RATINGS for Horizontal and Vertical Applications

Test Standard	Description	Results
UL10d	Standard for Fire Tests of Fire-Protective Curtain Assemblies	120 minutes (positive pressure)
NFPA 252 and UL 10b	Standard for Fire Tests of Door Assemblies	20 minutes (without hose stream)
UL 10C	Standard for Positive Pressure Fire Tests of Door Assemblies	20 minutes (without hose stream)

NOTE: Acceptance of these ratings is ultimately at the discrestion of the Authority Having Jusisdiction.

AIR LEAKAGE RATINGS for Vertical Applications

Standard / Code Section	Description	Results
UL 1784	Standard for Air Leakage	Complies for vertical openings \leq 7-ft. wide x \leq 7-ft. high
2009 IBC Section 711.5.2 and 2012 IBC Section 710.5.2.2 (Air Leakage Requirement)	'	-
2009 IBC Section 711.5.2 and 2012 IBC Section 710.5.2.2 (Air Leakage Requirement)	Max. air leakage: ≤ 3 cfc per sq.ft. of opening at 0.1 in. of w.c. pressure differential at 400 degrees F.	· ·

For vertical applications of the Stoebich Fire & Smoke Curtain HC system, the following modifications are necessary to maintain the UL 1784 air leakage rating specified by this listing:

• Pop rivet 2" wide piece of curtain material to the receiving edge/channel as a seal.

¹Maximum opening size for hoizontal fire-rated applications: 5.4 m (212.59 in.) wide x 5.49m (216.14 in.) high [Intertek will make oversize curtain certificates/labels available to Stobich as needed. These require Stobich to fill out information regarding the curtains on a job by job basis and allow an Intertek inspector to verify that the curtains for which these certificates are issued are built to the specufied design.]

²Maximum opening size for vertical air leakage applications: 17 ft. 8 ½-in. wide x 18 ft. high.

³Operational closing speed: minimum 6 in./sec. and maximum 24 in./sec.



- Openings at the trailing edge of the side guides shall be filled with mineral wool insulation and sealed with foil tape or filled with mineral wool insulation and covered with sealed steel end caps.
- Add Frost King SS20BR or dimensionally equivalent silicone tear drop seal to both side guides (applied to the stop).
- A 2" by 3" block of mineral wool shall be placed at receiving edge to facilitate sealing
- Add doubled over piece of curtain material to top edge (opposite side of coil).

⁴Horizontal curtain applications have not been tested to determine an air leakage rate.

Attribute	Value		
Certificate Date of Expiry	October 30, 2024		
Certificate Date of Initial Registration	October 30, 2019		
Certificate Number	WHI19-12312312		
Criteria	UL 10(c) (2009)		
Criteria	UL 1784 (2009)		
Criteria	UL 10(b) (2009)		
Criteria	UL 10(d) (2009)		
Criteria	NFPA 252 (2012)		
Criteria	UL 1784 (2015)		
Criteria	UL 10(d) (2014)		
Criteria	UL 10(c) (2016)		
Criteria	UL 10(b) (R2015)		
Criteria	NFPA 252 (2017)		
CSI Code	08 30 00 Specialty Doors and Frames		
CSI Code	07 87 00 Smoke Containment Barriers		
Intertek Services	Certification		
Listed or Inspected	LISTED		
Listing Section	SMOKE CONTROL DOOR ASSEMBLIES		
Spec ID	34200		