

CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION  
OFFICE OF THE STATE FIRE MARSHAL  
FIRE ENGINEERING - BUILDING MATERIALS LISTING PROGRAM



# LISTING SERVICE

**LISTING No.** 4076-0550:0500 Page 1 of 1

**CATEGORY:** 4076 -- SMOKE & DRAFT CONTROL FOR FIRE DOOR

**LISTEE:** CORNELL IRON WORKS INC24 Elmwood Avenue, Crestwood Industrial Park, Mountaintop, PA 18707  
Contact: Nathan Mikleton (570) 550-7156  
Email: nathan.mikleton@cornellcookson.com

**DESIGN:** SmokeShield Smoke Containment System Model ERF10 Elevator Curtain, consists of side framing guide assemblies, edge containment system, overhead curtain housing, Maximum 12'-0" X 12'-0" opening. Refer to listee's data sheet for detailed product description and operational considerations.

**RATING:** UL 1784 Leakage Test:  
.74 CFM/FT<sup>2</sup> ambient; .43 CFM/FT<sup>2</sup> 400°F; .05" water column  
1.30 CFM/FT<sup>2</sup> ambient; 1.16 CFM/FT<sup>2</sup> 400°F; .10" water column  
2.31 CFM/FT<sup>2</sup> ambient; 1.89 CFM/FT<sup>2</sup> 400°F; .20" water column  
6.82 CFM/FT<sup>2</sup> ambient; 7.54 CFM/FT<sup>2</sup> 400°F; .30" water column

All test performed without hose stream.

**INSTALLATION:** In accordance with listee's printed installation instructions, applicable codes and ordinances and in a manner acceptable to the authority having jurisdiction.

**MARKING:** Listee's name, model number and UL label.

**APPROVAL:** Listed as a smoke and draft control system in accordance with UL 1784, for use with separately listed fire rated elevator hoistway doors. For use where allowed by the California Building Code and the authority having jurisdiction.  
The smoke detector used in conjunction with this system shall be CSFM listed.  
Refer to listee's Installation Instruction Manual for details.

10-13-2017 dcc



This listing is based upon technical data submitted by the applicant. CSFM Fire Engineering staff has reviewed the test results and/or other data but does not make an independent verification of any claims. This listing is not an endorsement or recommendation of the item listed. This listing should not be used to verify correct operational requirements or installation criteria. Refer to listee's data sheet, installation instructions and/or other

Date Issued: **July 01, 2021**

Listing Expires **June 30, 2022**

Authorized By: **DAVID CASTILLO, M.E., F.P.E.**  
*Fire Engineering Division*