

**CITY OF NEW YORK
DEPARTMENT OF BUILDINGS**

Pursuant to Administrative Code Section 27-131, the following equipment or material has been found acceptable for use in accordance with the Report of Materials and Equipment Acceptance (MEA) Division.

Richard C. Visconti, R.A., Acting Commissioner
MEA 104-00-M
Report of Material and Equipment Acceptance Division

Manufacturer – Steelcraft Manufacturing Co. 9017 Blue Ash Road Cincinnati, Ohio 45242

Trade Names – Steelcraft.

Product – Swinging Type Fire Doors 1-1/2 Hour Rating

Pertinent Code Sections – 27-323

Prescribed Tests – RS 5-6 (ASTM E152).

Laboratory – Underwriters Laboratory Inc.

Test Reports – UL project numbers, 64C2399 (8/4/64), 64C2400 (8/3/64), 66C44659 (3/9/67), 68CH7540 (7/28/69), 85NK31876 (2/28/86), 88NK9709 (6/13/88), 66C3270 (10/10/66), 67C4597 (10/16/67), 67C435-W (12/8/67), 68CH2040 (8-12-68), 69CH6672 (1/29/70), 71NK615 (8-16-71), 73NK4850 (4-11-74), 89NK3819 (7/17/89), 96NK20025 (2/5/97), 64C7226 (3/15/65), 88NK8014 (1/11/89), 90NK8288 (7/5/90), 97NK41838 (9/23/98), 88NK27189 (2/2/90), 56C5682 (3/1/57), 82NK25631 (2/29/84), 87NK3332/R3993 (6/1/87), 96NK20025 (2/6/97).

Description – Product: Swinging Type Fire Doors 1-1/2 hour Fire Rating

Model: L-Series, 1 3/4" thick, commercial steel fire door fabricated from 20, 18, 16, or 14 gage sheets of steel laminated to a honeycomb or polystyrene core. Doors have a continuous vertical mechanical interlocking seam on the hinge and lock edges which has a bead of structural epoxy applied to the internal connection. Top and bottom steel reinforcing channels are welded within the door.

Model: B-Series, 1 3/4" thick, commercial steel fire door fabricated from 18, 16, or 14 gage sheets of steel. The door is stiffened with steel stiffeners and sound deadened with fiberglass batts. The stiffeners are hat shaped sections fabricated from 20 gage steel, located 6" on center and are welded to the inside of the face sheets 4" on center. Doors have a continuous vertical mechanical interlocking seam on the hinge and lock edges which has a bead of structural epoxy applied to the internal connection. Top and bottom steel reinforcing channels are welded within the door.

Model: A & AN-Series, 1 3/4" thick commercial steel fire door fabricated from 16 gage steel. Tubular stile and rail construction. The stiles extend the fill height of the door. The rails are mechanically joined to the stiles forming a neat seam on the face. The top and bottom of the door is closed with a 14 gage steel channel welded to the stile and rail.

Model: S-Series, 1 3/4" thick commercial steel fire door fabricated from 16 gage steel. Tubular stile and rail construction. Stiles and rails are mitered at the corners, reinforced with steel channels, face welded, and then ground smooth. Top and bottom of the door is flush.

Model: T-Series, 1 3/4" thick commercial steel fire door fabricated from 20, 18, 16, or 14 gage face sheets laminated to a special mineral board core. The special core used retards the transmission of heat through the door. The T series door has temperature rise ratings of 250° and 450°. Doors have a continuous vertical mechanical interlocking seam on the hinge and lock edges which has a bead of structural epoxy applied to the internal connection. Top and bottom steel reinforcing channels are welded within the door.

Model: CE-Series, 1 3/4" thick commercial steel fire door fabricated from 20, 18, and 16 gage sheets of that have various patterns embossed in them. The embossed sheets of steel are laminated to a honeycomb and /or a honeycomb polystyrene core. Doors have a continuous vertical mechanical interlocking seam on the hinge and lock edges which has a bead of structural epoxy applied to the internal connection. Top and bottom steel reinforcing channels are welded within the door.

The above model numbers may be fabricated from either cold rolled, galvanized, or galvanized steel. Door edge seams may be filled or welded and filled. Doors may be furnished as singles or in pairs, may incorporate an approved louver, and can have glass lights.

Product parameters governed by UL Procedure File R3993.

Recommendation - That the above described doors be accepted as providing the noted fire protection rating when installed in accordance with Reference Standard RS 5-8 (NFPA 80), on condition that certificates or labels accompanying all shipments be provided by the testing laboratory which shall be regularly engaged by the manufacturer to make periodic inspections and/or tests of the doors in the course of their manufacture. All shipments and deliveries of such materials shall, in addition, be accompanied by a tag, certifying that the material shipped or delivered is equivalent to those tested and accepted for use, as provided for in Section 27-131 of the Building Code.

Final Acceptance APR 25 2000

Examined By S Derk Rudam