

K. N. CROWDER MFG. INC.

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GENERAL INFORMATION



Where else but in Canada with its extreme variations of climate could one better choose for the testing and use of Thresholds, Weatherstrip, Astragals, Automatic Door Bottoms, and Stair Nosings.

We at K. N. Crowder Mfg. Inc., with the help and concern of Architects and Architectural Hardware Consultants, are dedicated to supply products that meet or exceed these demands.

We have been doing this for over 60 years!



This symbol indicates products that are listed for use on metal doors and frames up to and including 1-1/2 hour locations. [The following products are also listed for use on metal doors and frames for installation in 3 hour locations: Weatherstrip W-23, W-24S, W-25. Astragal W-25]. Unless otherwise noted, products listed and labeled with this symbol have been evaluated for conformance to the following standards as a component part in a Door Assembly:

- ASTM-E152, Methods of Fire Tests of Door Assemblies
- CAN/ULC-S104, Standard Method for Fire Tests of Door Assemblies
- NFPA-252, Standard Methods of Fire Tests of Door Assemblies
- UBC-7-2-94, Uniform Building Code
- UL-10(b), Fire Tests of Door Assemblies

And are installed in accordance with the following: Code Requirements and Manufacturer's Installation Instructions. All assemblies are identified by a mark bearing the "Listed" WHI Certification Mark.

TESTED BY INTERTEK TESTING SERVICES.



SOUND/LIGHT - Products displaying this symbol are designed for use in openings where reduction of light and/or sound is necessary. Due to the variety of door and frame combinations, these products may vary in their performance. Tested ASTM E 90-90 and ASTM E-1408-91.



AIR INFILTRATION - Tested to ASTM E-283 and SDI 116. Products displaying this symbol have been Air Infiltration tested in accordance with the requirements of ASTM E-238 Rate of Air Leakage Through Exterior Windows, Curtain Walls & Doors and SDI 116 Test Procedure and acceptance of Rate of Air Flow Through Closed Steel Door and Frame Assemblies (Steel Door Institute). All products shown with this symbol are well below maximum leakage allowed.



ANTI-SLIP



HANDICAPPED



This Product is Listed by:
UNDERWRITERS LABORATORIES INC.
and Bears the Mark

FASTENERS



THRESHOLDS: ALL THRESHOLDS ARE SUPPLIED PRE-DRILLED AND COUNTER SUNK WITH 3/16" X 1-3/4" HiLo-TAPPING THREAD, GREY, PHILLIPS DRIVE, CONCRETE SCREWS. (5/32" PRE-DRILL REQUIRED).



WEATHERSTRIP: WHERE APPLICABLE, WEATHERSTRIP SEALS ARE SUPPLIED PUNCHED WITH OBOUNDED HOLES FOR ADJUSTMENT AND #8 X 3/4" SELF-DRILLING PAN HEAD, ROBERSTON DRIVE, TEK SCREWS.



OPTIONAL: OTHER FASTENERS, IN STANDARD ZINC PLATED, STAINLESS STEEL & TORX TAMPERPROOF SCREWS ARE AVAILABLE. SEE BELOW FOR DETAILS. CONTACT CUSTOMER SERVICE FOR PRICING & AVAILABILITY



#10 x 1-1/2" Truss Head,
Robertson Drive,
Type A Screw



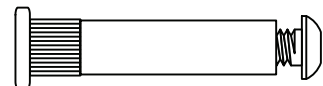
#8 x 1" Pan Head,
Robertson Drive,
Self-Drilling Tek Screw



#10 x 1" Pan Head,
Robertson Drive,
Self-Drilling Tek Screw



#10 x 1-1/2" Flat Head,
Robertson Drive,
Type A Screw



1/4"-20 x 3/4" Button Head
Socket Cap Screw with
Security Sleeve
(For Astragals &
W-19 Door Sweep only)

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