

1) GENERAL: UPWARD-ACTING, SECTIONAL DOORS SHALL BE POLYURETHANE INSULATED, WEATHER BREAKER MODEL 175, BY GENERAL DOORS CORP., BRISTOL, PA. DOOR SECTIONS SHALL BE 1-3/4 INCHES OF POLYURETHANE FOAM LAMINATED TO AN INSIDE AND OUTSIDE STEEL SKIN BY MEANS OF A CONTINUOUS PRODUCTION PROCESS. FOAM SHALL BE 2.6 LB./CU. FT. DENSITY, PROVIDING INSULATION FACTORS OF 16.4 R-VALUE, AND .061 U-VALUE. THE OUTSIDE SKIN SHALL BE HOT DIPPED GALV-ANIZED STEEL NO LESS THAN .019" THICK EMBOSSED WITH A STUCCO PATTERN AND FINISHED WITH A TWO COAT PAINT SYSTEM. INSIDE SKIN IS PREPAINTED GALVANIZED STEEL NO LESS THAN .015" THICK. SECTION DESIGN INCLUDES A THERMAL BREAK PREVENTING HEAT AND COLD CONDUCTIVITY. BOTTOM WEATHER STRIP IS A PVC BULB AND BLADE DESIGN WITH TWO POINT CONTACT.



1	SECTION	08360/SEC	TIONAL	DC	ORS	<u> </u>	<u>DEL</u>	WEAT	HER BR	<u>EAKER</u>	<u> 175 i</u>	NSULATED :	STEEL
	DISTRIBUTOR:		DOOR NUMBER	QTY	OPEN WIDTH	IING HEIGHT		OR HEIGHT	# OF LITES	LITE SIZE	PANELS WI	DE SECTIONS HIG	H DATE:
5													SHEET OF
┸┃	JOB:												SHEET OF
	CONTRACTOR:												DRAWN BY:JTL
	ARCHITECT:												

MODEL WEATHER BREAKER 175 SPECIFICATIONS

PART 1 GENERAL

- 1.1 SECTION INCLUDES
 MANUALLY OPERATED SECTIONAL OVERHEAD DOORS.
- 1.2 RELATED WORK
- 1.2.1 MISCELLANEOUS METAL WORK
- 1.2.2 SITE PAINTING
- 1.2.4 ELECTRICAL CONNECTIONS
- 1.3 DESIGN
- 1.3.1 WIND LOAD: DESIGN EXTERIOR DOOR ASSEMBLY TO WITHSTAND A WIND LOAD CALCULATED IN ACCORDANCE WITH THE BUILDING CODE.
- 1.4 SUBMITTALS
- 1.4.1 SUBMIT SHOP DRAWINGS CLEARLY INDICATING:
 A.PRODUCT DATA:SUBMIT MANUFACTURER'S
 SPECIFICATIONS AND TECHNICAL LITERATURE
 B.SHOP DRAWINGS:INCLUDE ELEVATIONS,
 REQUIRED CLEARANCES, AND TRACK ANCHORS.
- 1.5 QUALITY ASSURANCE
- 1.5.1 DELIVER AND STORE TO PREVENT DAMAGE
- 1.5.2 INSTALLATION SHALL BE BY MANUFACTURER'S AUTHORIZED INSTALLERS.

PART 2 PRODUCTS

- 2.1 PROVIDE SECTIONAL OVERHEAD DOORS

 MANUFACTURED BY GENERAL DOORS

 CORPORATION, ONE MONROE ST, BRISTOL, PA

 19007.PHONE (215)788-9277, FAX (215)788-9450.
- 2.2 MODEL WEATHER BREAKER 175
 - A.1-3/4" THICK STEEL/POLYURETHANE/STEEL.
 - B.EXTERIOR SKIN:.019" HOT DIP GALV. STEEL
 - C.R-VALUE=16.4
 - D.U-VALUE=0.06
 - E.16 GAUGE GALVANIZED ENDCAPS
 - F.CFC-11 FREE
 - G.TWO COAT, BAKED-ON SYSTEM, POLYESTER FINISH COAT
 - H.WINDLOAD AS REQUIRED BY CODE
 - I.COLOR
 - 1.WHITE
 - 2.BROWN
 - J.LOCK
 - 1.INSIDE SLIDE
 - 2.KEYED LOCK W/LOCK BARS
- 2.3 TRACK SHALL BE HEAVY GAUGE 2" OR 3"
 (AS REQUIRED) ENGINEERED FOR DOOR SIZE
- 2.4 HARDWARE
- 2.4.1 GALVANIZED STEEL HINGES TO BE 14 GAUGE MIN.
 ROLLERS TO BE 10 BALL BEARING WITH CASE
 HARDENED INNER AND OUTER RACES.

- 2.5 COUNTERBALANCES
- 2.5.1 OIL TEMPERED, HELICAL WOUND TORSION SPRINGS ENGINEERED TO BALANCE RESPECTIVE DOOR WEIGHT.
- 2.6 WARRANTY
- 2.6.1 DOOR WILL BE FREE FROM DEFECTS IN MATERIALS
 AND WORKMANSHIP FOR A PERIOD OF ONE YEAR.
 DOOR HAS A TEN YEAR DELAMINATION WARRANTY.

PART 3 EXECUTION

- 3.1 EXAMINATION
- 3.1.1 VERIFY FIELD DIMENSIONS, CHECK FOR PLUMB AND LEVEL CONDITIONS
- 3.1.2 INSTALL DOORS AND ALIGN TO ENSURE SMOOTH OPERATION AND TO PROVIDE CORRECT CLOSURE.
- 3.2 ADJUSTMENT AND DEMONSTRATION
- 3.2.1 ON COMPLETION, ADJUST AND LUBRICATE. ENSURE ALL SAFETY FEATURES OPERATE CORRECTLY.

 DEMONSTRATE PROPER USE AND MAINTENANCE.