

SECTION 08360
SECTIONAL OVERHEAD DOORS



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.