

SECTION 08360
SECTIONAL OVERHEAD DOORS



1 Monroe Street · PO Box 205 · Bristol, PA 19007-0205
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MODEL 24 GAUGE INSULATED 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 24 GAUGE INSULATED
 - A.2" THICK STEEL/POLYSTYRENE/STEEL(PLASTIC).
 - B.EXTERIOR SKIN:24GA HOT DIP GALV. STEEL
 - C.R-VALUE=6.7
 - D.U-VALUE=0.15
 - 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.BRONZE
 - 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.

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.