

SPECIFICATIONS

GENERAL: DOORS SHALL BE STEEL SECTIONAL UPWARD ACTING 24 GAUGE AS MANUFACTURED BY GENERAL DOORS CORPORATION, BRISTOL, PA.

SECTIONS: SECTIONS TO BE 2" THICK, ROLL FORMED FROM HOT DIPPED GALVANIZED STEEL WITH HORIZONTAL REINFORCING RIBS. ALL SECTIONS FURNISHED WITH TWO COATS ACRYLIC BAKED- ON ENAMEL, BOTH SIDES. EXTERIOR COATING 1.0 MIL, WHITE, OR BRONZE(24G ONLY).INTERIOR COATING, 6 MIL GRAY. END STILES TO BE 16 GAUGE GALVANIZED STEEL SECURELY WELDED TO THE SECTION. SECTIONS ARE FORMED WITH SHIPLAP MEETING RAIL FOR ADDED STRENGTH AND WEATHER-TITE CLOSURE. WHEN REQUIRED BY BEST ENGINEERING PRACTICES, APPLIED STEEL STRUTS SHALL BE FASTENED TO INSIDE OF SECTIONS. BOTTOM WEATHER STRIP IS A PVC BULB-BLADE DESIGN WITH TWO POINT CONTACT. INSULATION: 1-7/16 THICK POLYSTYRENE FOAM INSULATION COVERED WITH .040" HIGH IMPACT VINYL OR 26 GAUGE STEEL BACKING. R-VALUE=6.7, (U=.15).



SECTION 08360/SECTIONAL DOORS 24 GAUGE INSULATED STEEL

	DISTRIBUTOR:	DOOR NUMBER	QTY	OPENING		DOOR				DANIEL G. WIEDE	anamiona urau	D. Miller
				WIDTH	HEIGHT	WIDTH	HEIGHT	# OF LITES	LITE SIZE	PANELS WIDE	SECTIONS HIGH	DATE:
	JOB:											SHEET OF
5	CONTRACTOR:											DRAWN BY:JTL
-	ARCHITECT:											

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 BUILING 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.