DOORS SHALL BE ROLLING STEEL MODEL DURACOIL “STANDARD” (STANDARD SERVICE DOOR) AS MANUFACTURED BY RAYNOR GARAGE DOORS.

BRACKETS—STEEL PLATES, MIN. 3/16” (4.8 mm) THICK, BOLTED TO GUIDES FOR MOUNTING CURTAIN AND BARREL ASSEMBLY. DRIVE SIDE BRACKET SHALL BE FITTED WITH A SEALED BALL BEARING FOR LONG LIFE.

BARREL—STRUCTURAL STEEL PIPE, MINIMUM 4-1/2” (11.4 mm) 0.125” (3.2 mm) WALL PROGRESSIVE AND DESIGNED TO LIMIT MAXIMUM DEFLECTION, UNDER LOAD, TO 0.03” (0.76 mm) PER FOOT OF SPAN.

SPRING COUNTERBALANCE—CURTAIN SHALL BE COUNTERCOUNTERBALANCED BY MEANS OF OIL TEMPERED, HELICAL SPRINGS, GREASE-PACKED AND MOUNTED ON A SINGLE CONTINUOUS STEEL RING. SPRINGS SHALL BE DESIGNED TO FACILITATE ANY COUNTERBALANCE MAINTENANCE. CAST IRON SPRING ANCHORS SHALL TRANSFER FULL SPRING LOADING TO BARREL.

HOOD—SHALL BE 24 GA COMMERCIAL QUALITY HOT-DIPPED GALVANIZED STEEL, HOOD TO HAVE ROLLED EDGES TO PROMOTE RIGIDITY.

GUIDES—STRUCTURAL STEEL ANGLES, MIN. 3/16” (4.8 mm) THICK, TOP OF GUIDE ANGLES FLARED AND PROVIDED WITH 4 REMOVABLE CURTAIN STOPS.

WINDLOAD—20 LB./SQ. FT. STANDARD, UNLESS OTHERWISE NOTED.

MODEL FF/SC/LC
CURTAIN—INTERLOCKING SLATS ROLLOFORMED FROM COMMERCIAL QUALITY HOT-DIPPED GALVANIZED (G-80) STEEL PER ASTM A-653, THICKNESS SHALL BE A TWO COAT BAKED ON PRIME PAINT APPLIED PRIOR TO ROLLOFORMING. MALFUNCTION IRON GALVANIZED ENDSFASTENED TO ALTERNATE SLATS WITH TWO ZINC PLATED STEEL RIVETS PER SLAT. ELIMINATES LATERAL MOVEMENT AND PREVENTS SLOTS FROM WEARING AT SURFACES COMING IN CONTACT WITH GUIDES. BOTTOM OF CURTAIN SHALL BE REFACED WITH TWO STEEL ANGLES, MINIMUM 2”X2”X3/16” (50.8 mmX50.8 mmX4.8 mm), SINGLE CONTACT BOTTOM ASTRAGAL.

MODEL IF
CURTAIN—INSULATED—INTERLOCKING SLATS ROLLOFORMED FROM COMMERCIAL QUALITY HOT-DIPPED GALVANIZED (G-90) STEEL PER ASTM A-653, EACH SLAT SHALL HAVE A 3/4” (19.1 mm) THICK POLYISO FOAMBOARD CORE ATTACHED TO THE FULL LENGTH OF THE SLAT, BACKING COVER TO BE 24 GA. HOT-DIPPED GALVANIZED STEEL. FINISH SHALL BE A TWO COAT BAKED ON PRIME PAINT APPLIED PRIOR TO ROLLOFORMING, MALFUNCTION IRON GALVANIZED ENDSFASTENED TO ALTERNATE SLATS WITH TWO ZINC PLATED STEEL RIVETS PER ENDCAP. ELIMINATES LATERAL MOVEMENT AND PREVENTS THE SLATS FROM WEARING AT SURFACES COMING IN CONTACT WITH GUIDES. BOTTOM OF CURTAIN SHALL BE REFACED WITH TWO STEEL ANGLES, MINIMUM 2”X2”X3/16” (50.8 mmX50.8 mmX4.8 mm), THE CURTAIN “D” VALUE IS 0.16 AND THE PIVOT IS 0.02 (SPECIFICATIONS REFLECT CALCULATED CHARACTERISTICS OF CORE MATT).

MODEL FP
CURTAIN—SHALL CONSIST OF INTERLOCKING FLAT SLATS ROLLOFORMED FROM NOT LESS THAN 22 GA. COMMERCIAL QUALITY, HOT-DIPPED GALVANIZED (G-90) STEEL PER ASTM A-653, SLATS SHALL BE PUNCHED WITH A SERIES OF HOLES ACROSS THEIR ENTIRE LENGTH, PROVIDING 35% OPEN AREA PER SQUARE FOOT OF DOOR. BOTTOM OF CURTAIN SHALL BE REFACED WITH TWO STEEL ANGLES, MINIMUM 2”X2”X3/16” (50.8 mmX50.8 mmX4.8 mm), SINGLE CONTACT BOTTOM ASTRAGAL.

LOCKING—SLIDE BOLT TO ENGAGE GUIDE WITH PROVISION FOR PADLOCK (PADLOCK BY OTHERS). QUANTITY REQUIRED.

LOCKING—FIVE PIN TUMBLER CYLINDER WITH LOCK BAR TO ENGAGE THE GUIDE. QUANTITY REQUIRED.

LOCK—OPERABLE FROM INTERIOR ONLY.

LOCK—OPERABLE FROM EXTERIOR ONLY.