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

BRACKETS—STEEL PLATES MIN. 3/16" (4.8mm) 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" (114.3mm), 0.035" (0.9mm) WALL THICKNESS AND DESIGNED TO LIMIT DEFLECTION, UNDER LOAD, TO 0.03" (0.76mm) PER FOOT OF SPAN.

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

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

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

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

MODEL FF/SC/LC
CURTAIN—INTERLOCKING SLATS ROLLED FROM COMMERCIAL QUALITY HOT DIPPED GALVANIZED (G-90) STEEL PER ASTM A-653. FINISH SHALL BE A TWO COAT BAKED ON PRIME PAINT APPLIED PRIOR TO ROLLFORMING. MALLEABLE IRON GALVANIZED ENDBLOCKS FASTENED TO ALTERNATE SLATS WITH TWO ZINC PLATED STEEL RIVETS PER SLAT. ELIMINATES LATERAL MOVEMENT AND PREVENTS SLATS FROM WEARING AT SURFACES COMING IN CONTACT WITH GUIDES. BOTTOM OF CURTAIN SHALL BE REINFORCED WITH TWO STEEL ANGLES, MINIMUM 2"X2"X3/16" (50.8mmX50.8mmX4.8mm), SINGLE CONTACT BOTTOM ASTRAGAL.

MODEL IF
CURTAIN—INSULATED—INTERLOCKING SLATS ROLLED FROM COMMERCIAL QUALITY HOT DIPPED GALVANIZED (G-90) STEEL PER ASTM A-653. EACH SLAT SHALL HAVE A 3/4" (19.1mm) THICK POLYISO FOAMBOARD INSULATION CORE PLACED WITHIN THE FULL LENGTH OF THE SLAT. BACKING COVER TO BE 24GA. HOT-DIPPED GALVANIZED STEEL. FINISH SHALL BE A TWO COAT BAKED ON PRIME PAINT APPLIED PRIOR TO ROLLFORMING. MALLEABLE IRON GALVANIZED ENDBLOCKS FASTENED TO ALTERNATE SLATS WITH TWO ZINC PLATED STEEL RIVETS PER ENDBLOCK. ELIMINATES LATERAL MOVEMENT AND PREVENTS THE SLATS FROM WEARING AT SURFACES COMING IN CONTACT WITH GUIDES. BOTTOM OF CURTAIN SHALL BE REINFORCED WITH TWO STEEL ANGLES, MINIMUM 2"X2"X3/16" (50.8mmX50.8mmX4.8mm). THE CURTAIN "u" VALUE IS 0.16 AND THE FIRE RATING IS 60 MINUTES. (SPECIFICATIONS REFLECT CALCULATED CHARACTERISTICS OF CORE MATERIAL).

MODEL FP
CURTAIN—SHALL CONSIST OF INTERLOCKING FLAT SLATS ROLLED FROM NOT LESS THAN 24GA. COMMERCIAL QUALITY HOT DIPPED GALVANIZED (G-90) STEEL PER ASTM A-653. SLATS SHALL BE PUNCTURED WITH A SERIES OF HOLES ACROSS THEIR ENTIRE LENGTH PROVIDING 31% OPEN AREA PER SQUARE FOOT OF DOOR. BOTTOM OF CURTAIN SHALL BE REINFORCED WITH TWO STEEL ANGLES, MINIMUM 2"X2"X3/16" (50.8mmX50.8mmX4.8mm), 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 BARS TO ENGAGE THE GUIDE. QUANTITY REQUIRED.

LOCK—OPERABLE FROM INTERIOR ONLY.

LOCK—OPERABLE FROM EXTERIOR ONLY.
<table>
<thead>
<tr>
<th>DOOR NUMBER</th>
<th>QTY</th>
<th>OPENING Width</th>
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<th>MODEL</th>
<th>GA</th>
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**SLAT MODEL "FF"**
- 25/32" (19.8mm)
- 2 9/16" (65.1mm)

**SLAT MODEL "SC"**
- 1 7/8" (47.6mm)
- 17/32" (13.5mm)

**SLAT MODEL "LC"**
- 2 3/4" (69.6mm)
- 25/32" (19.8mm)

**SLAT MODEL "IF"**
- 2 9/16" (65.1mm)
- 25/32" (19.8mm)

**SLAT MODEL "FP"**
- 2 9/16" (65.1mm)
- 25/32" (19.8mm)

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**OPENING WIDTH**
- OPENING WIDTH
- CLEAR OPENING
- MASONARY JAMBS
- BLOCK JAMBS

**DIM "B" (DRIVE SIDE)**

**DIM "A" (CHARGE SIDE)**

**"SECTION THRU—OPENING"**

**NEOPRENE FLOOR SEAL**

**3" UPSET (76.2mm)**

**OPENING HEIGHT**

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**"GUIDE DETAIL"**

**"GUIDE VINYL SEAL"**

**"NEOPRENE FLOOR SEAL"**

**"RUBBER HOOD BATTLE"**

**"GUIDE BRUSH SEAL"**

**"LINTEL BRUSH SEAL"**