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 CURTAI N AND BARREL ASSEMBLY. DRIVE SIDE BRACKET SHALL BE FITTED WITH A SEALED BALL BEARING FOR LONG LIFE.

BARREL—STRUCTURAL STEEL PIPE, MINIMUM 4¼" (11.4mm) I.D. X 12" (305mm) WALL, PROVEN AND DESIGNED TO LIMIT MAXIMUM DEFLECTION, UNDER LOAD, TO .03" (.76mm) PER FOOT OF SPAN.

SPRING COUNTERBALANCE—THE CURTAIN SHALL BE COUNTERBALANCED BY DEVICES OF OIL TEMPERED, HELICICAL SPRINGS, GREASE-PACKED AND MOUNTED ON A SINGLE CONTINUOUS STEEL PINION SHAFT. SPRINGS SHALL BE ASSEMBLED IN A MANNER THAT IS DESIGNED TO FACILITATE ANY COUNTERBALANCE MAINTENANCE. ALL 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 TOPS.

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

MODEL FF/SC/LC
CURTAIN—INTERLOCKING SLATS ROLLFORMED FROM COMMERCIAL QUALITY HOT-DIPPED GALVANIZED (0-80) STEEL, PER ASTM A-553, FINISH SHALL BE A TWO COAT BAKED ON PRIME PAINT APPLIED PRIOR TO ROLLFORMING. MALLEABLE IRON GALVANIZED ENDCOBS 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 ROLLFORMED FROM COMMERCIAL QUALITY HOT-DIPPED GALVANIZED (0-80) STEEL, PER ASTM A-553, EACH SLAT SHALL HAVE A 3/4" (19.1mm) THICK POLYISO FOAMBOARD CORE PLACED WITHIN THE FULL LENGTH OF THE SLAT. BACKING COVER TO BE A 24GA, HOT-DIPPED GALVANIZED STEEL. FINISH SHALL BE A TWO COAT BAKED ON PRIME PAINT APPLIED PRIOR TO ROLLFORMING. MALLEABLE IRON GALVANIZED ENDCOBS FASTENED TO ALTERNATE SLATS WITH TWO ZINC PLATED STEEL RIVETS PER ENDCOBS. 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), SINGLE CONTACT BOTTOM ASTRAGAL.

MODEL FP
CURTAIN—SHALL CONSIST OF INTERLOCKING FLAT SLATS ROLLFORMED FROM NOT LESS THAN 22GA COMMERCIAL QUALITY HOT-DIPPED GALVANIZED (0-80) STEEL, PER ASTM A-553, SLATS TO BE PUNCHED WITH A SERIES OF HOLES ACROSS THEIR ENTIRE LENGTH, PROVIDING 3% 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.
SLAT MODEL "FF"
- 25/32" (19.8mm)
- 7/8" (47.6mm)

SLAT MODEL "SC"
- 2 9/16" (65.1mm)
- 17/32" (13.5mm)

SLAT MODEL "LC"
- 2 5/16" (66.6mm)
- 25/32" (19.8mm)

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

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

"SECTION THRU-OPENING"

CLEAR OPENING

NEOPRENE FLOOR SEAL

3" UPSET (76.2mm)

"GUIDE VINY SEAL" NOPEPRENE FLOOR SEAL" "RUBBER HOOD BATTLE"

"GUIDE BRUSH SEAL" "LINTLE BRUSH SEAL"

"OPERATOR MTG. PAD"
(FOR WALL MOUNTED OPERATORS ONLY)

WOOD JAMBS
STEEL JAMBS
MASONARY JAMBS
BLOCK JAMBS
E GUIDES
Z GUIDES

"GUIDE DETAIL"

OPENING WIDTH

1/4" INSET (6.4mm)

1/4" INSET (6.4mm)

ANSI/UL325 REQUIRES THE MOTOR OPERATOR BE MOUNTED A MINIMUM OF 8" ABOVE THE FLOOR OR GUARDING OF THE MOTOR OPERATOR TO PREVENT INJURY (GUARDS BY OTHERS).