

MOORFRAME TECHNICAL DATA

MOORFRAME AS COLLECTOR RAIL SPAN TABLE

Roof structure must be designed by a design professional to withstand a 10 PSF (49 kg per m²) uniform load caused by loaded LOCKERBASKETS in addition to roof loads determined ,from appropriate building codes and local conditions. The design professional must also separately consider the point loads caused by the reaction of the collector rail. Each LOCKERBASKET load should be limited to 30 pounds.

SPAN		SIMPLE OR DOUBLE SPANS		CONTINUOUS SPANS	
IMPERIAL (Feet)	METRIC (mm)	Total number of rows of Baskets served by collector rail	Max. number of rows of Baskets on one side of collector rail.	Total number of rows of Baskets served by collector rail	Max. number of rows of Baskets on one side of collector rail.
UP TO 8'-0"	UP TO 2440	6	4	8	5
8'-6"	2590	6	3	7	4
9'-0"	2740	5	3	6	4
9'-6"	2900	4	3	6	3
10'-0"	3050	4	2	5	3

ALL SPANS OVER 10'-0" (3050 mm) CONSULT THE MOORE COMPANY, INC.

NOTE: When MOORFRAME is used as a support rail, maximum clear span is 10'-0" (3050 mm)
When MOORFRAME is used as a collector rail, maximum clear span is 6'-0" (1828 mm)

MOORFRAME BRIDGING DIAGRAM

No bridging is required for clear spans under 8'-0" (2440 mm). Spans over 10'-0" (3050 mm), consult The Moore Company, Inc. Ends of bridging lines must be firmly anchored to walls or attached to structural member.

SPLICING MOORFRAME

All splicing should be done at a framing support point. Butt sections and weld as shown. Use sufficient amount of 1/8" (3 mm) E70 series welding rods or equal. **All welded or bolted splices should be made at quarter points between supports.**

