

Aisle-Saver[®]

by Borroughs

Synergy Series[™]

TECHNICAL DATA

Seismic/Anti-tilt Track

Three piece welded track construction provides a 3/4" wide wheel-to-rail contact surface for strength and durability. An 8 gauge "C" channel, with interconnecting gripper plates attached to the carriage, provides superior seismic/anti-tilt protection.

Track construction consists of the following components: C1045 CRS steel rail 3/4" high x 3/4" wide; 8 gauge steel seismic "C" channel and 4.5" wide, 8 gauge steel base plate.

Seismic Gripper Plates

Plates are made from 10 gauge steel which bolt directly to the carriage interconnects with the seismic "C" channel for seismic and /or anti-tip protection, 3/4" wide x 3/4" deep.

Tensile Strength

The tensile strength of the rail is a minimum of 135 KSI, and yield strength is a minimum of 118 KSI.

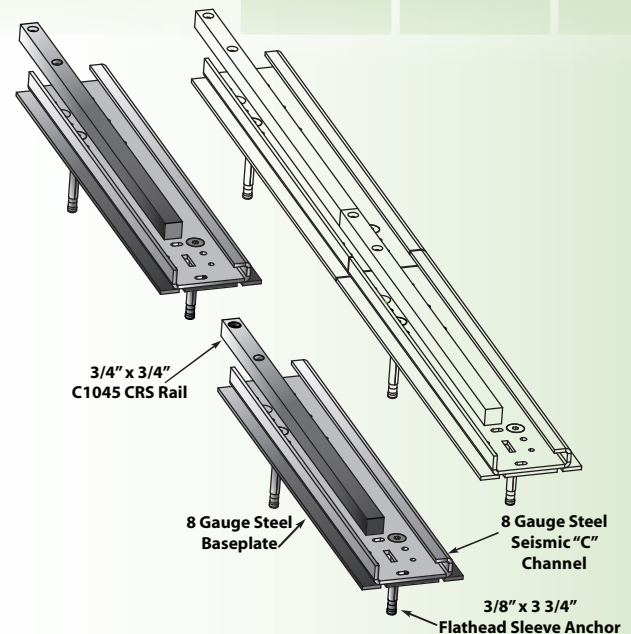
Track Leveling

Track splices are overlapping and securely fastened for positive vertical and horizontal alignment and even load transfer. Track leveling uses shims or leveling screws. Track is anchored using 3/8" concrete sleeve anchors. A continuous grout bed of not less than 3/8" is applied underneath the track baseplate.

The track is leveled to 3/32" maximum variation from true level within any module; 1/16" maximum variation between adjacent tracks; 1/32" maximum variation in 10' rail length, along any track.

Track Capacity

Capacity is designed and manufactured to carry a load of 1,000 pounds per linear carriage foot.



Benefits:

- Superior seismic/anti-tilt protection
- Track is flush with the walking surface after decking or concrete is installed
- Track can be attached to the top of, or recessed in a floor
- C1045 CRS rails are strong and durable
- Design applicable to Seismic Zone 4
- Filler inserts provide a barrier-free floor assembly
- Rail is same hardness as wheels to ensure less wear



Borroughs

CORPORATION

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