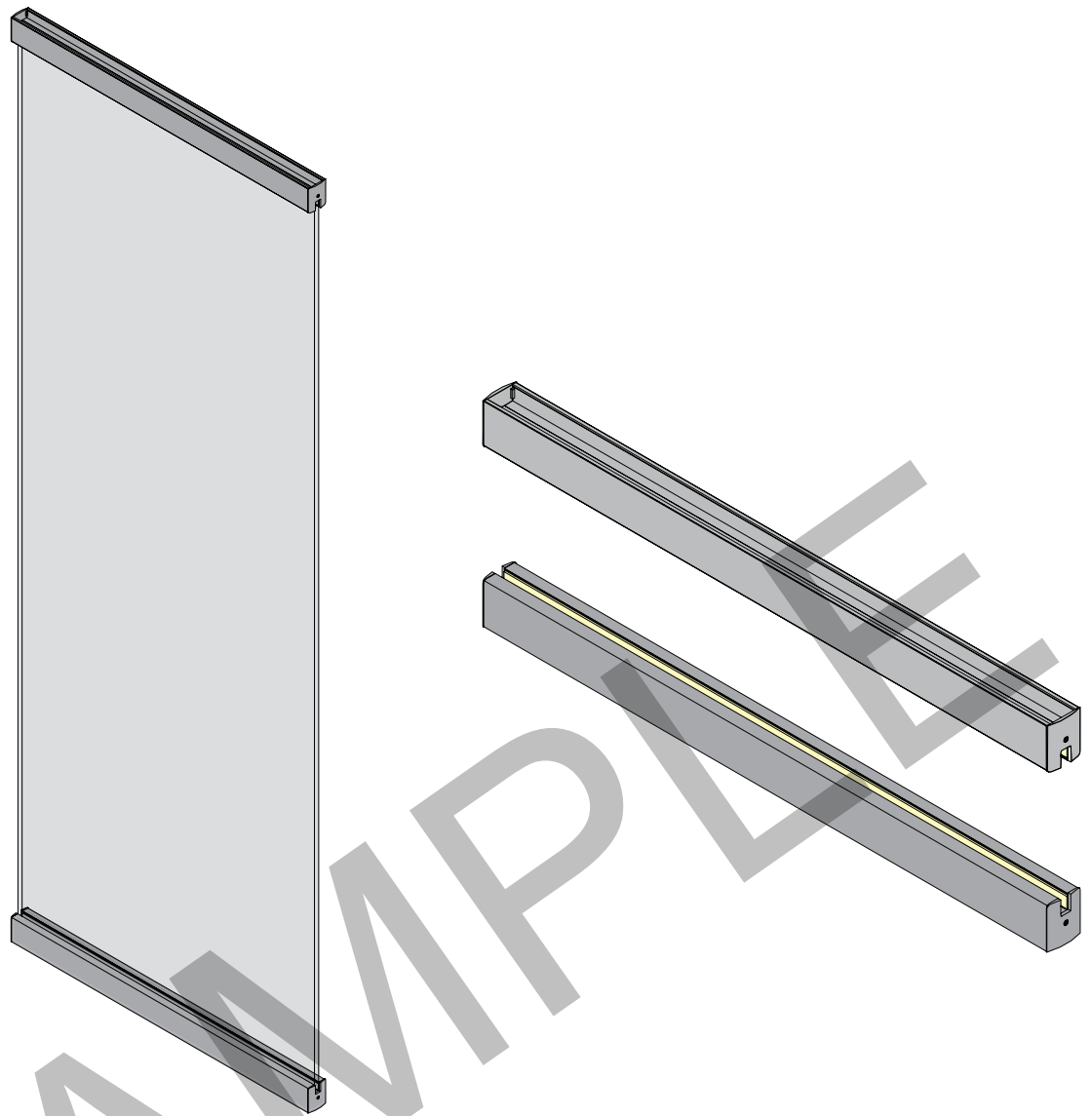




Rail System

For 2-1/2", 3-5/8", 4", 6", and 10" Rail Systems

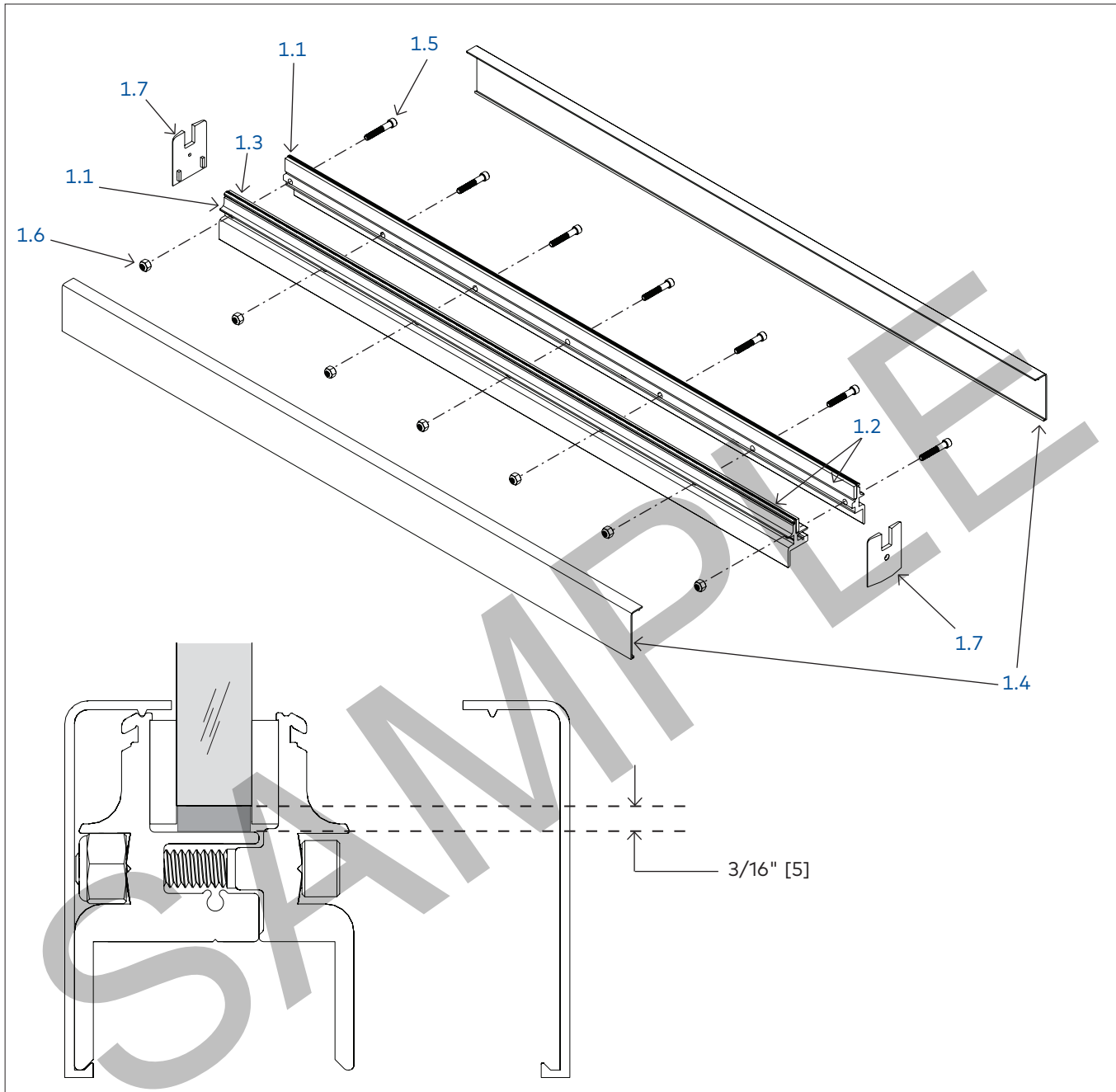
Installation instructions

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1.5 System setup

Fig. 1

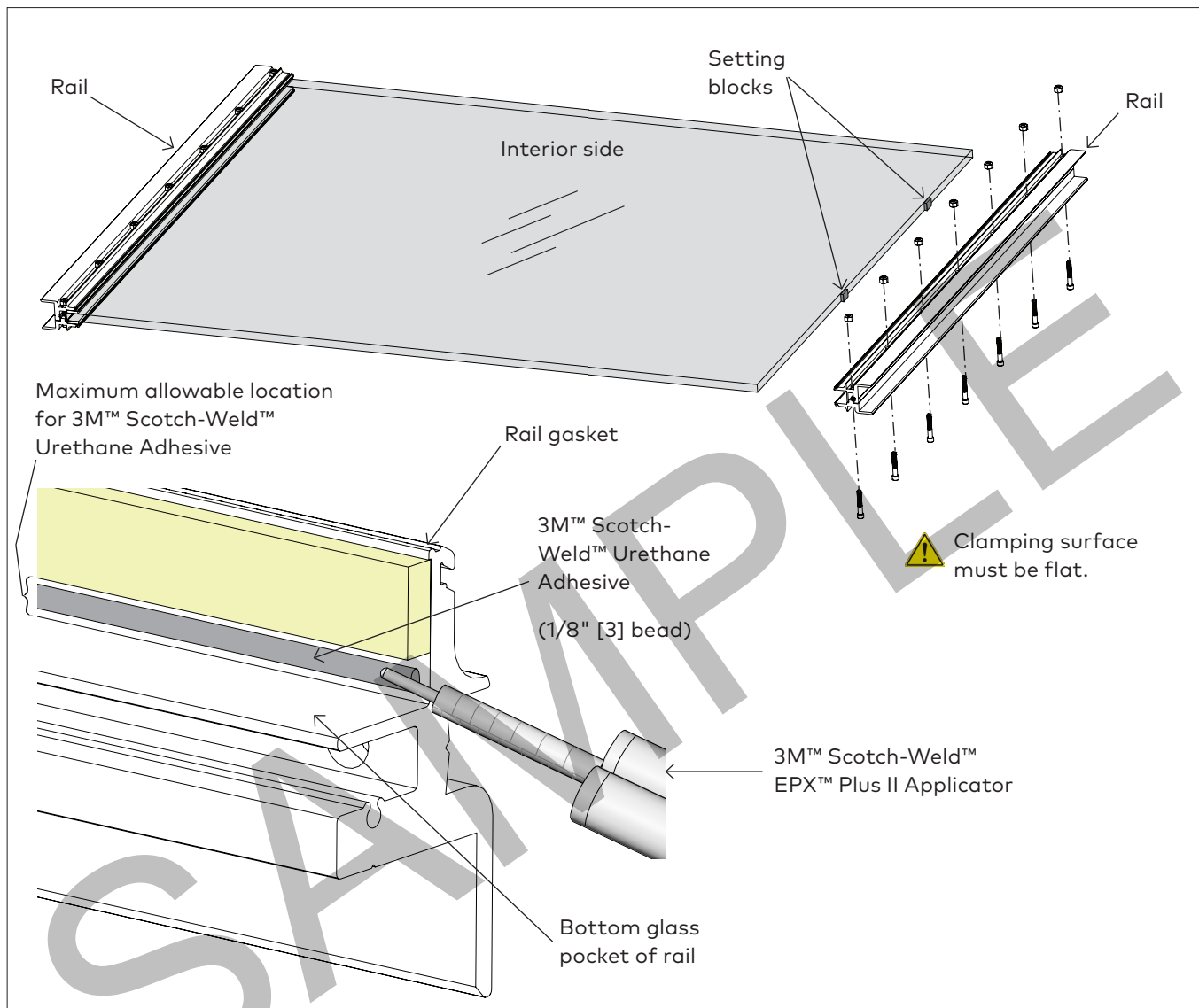


- | | |
|--|---|
| 1.5.1 Interior/exterior rails | 1.5.5 For 2-1/2" Rails: use 1/4-20 x 1-1/4" SHCS
For 3-5/8", 4", 6" & 10" Rails: use 5-16-18 x 1-1/4" SHCS |
| 1.5.2 Rail gasket(s) | |
| 1.5.3 3M™ Scotch-Weld™ Urethane Adhesive, DP 605 NS, off white (for laminate glass ONLY) | |
| 1.5.4 Cover assembly | 1.5.6 Lock nuts |
| | 1.5.7 End caps |

2 Installation instructions

2.1 Install rails onto glass panel

Fig. 2



NOTE: The recommended adhesive's set-up time is 15 minutes for the duo-pak cartridges.

- 2.1.1 Lay glass flat on saw horses. Interior side facing upward.
- 2.1.2 Tape proper height setting blocks to top and bottom of glass panel. Place setting blocks 2-1/2" [64mm] off each edge. (Two each for rails up to 48" [1219mm].)
 - Tempered monolithic glass: loosen bolts (but do not disassemble the rail), allowing both halves of rail to move freely.
 - Tempered laminate glass ONLY: Apply 1/8" [3] bead of 3M™ Scotch-Weld™ Urethane Adhesive along inside of each section of top rail. Be sure the adhesive does not touch bottom glass pocket of rail.
- 2.1.3 Slide rail onto glass until setting blocks are snug against rail.
- 2.1.4 Gently hand-tighten the bolts.
- 2.1.5 Firmly tighten all bolts to appropriately specified torque. Start at center bolt and work outward. Repeat tightening sequence.
 - Tempered monolithic: start at 10 ft-lbs (14Nm); work up to 15 ft-lbs (20Nm).
 - Tempered laminate glass: start at 4 ft-lbs [5.5Nm]; work up to 8 ft-lbs [11Nm] (clamping surface must be flat)
- 2.1.6 Follow step 2.2 through 2.5 for bottom rail.
- 2.1.7 Check total height and corner-to-corner for squareness, accounting for top and bottom cover thickness. Adjust rail accordingly.