

Aluminum (ALU) FASTrack Basic Assembly Guide



Aluminum Parts needed:

- (see page 4 for illustrations)
- track blades
 - track bridges
 - bridge clips
 - track clips
 - cap screws
 - flange nuts
 - hex bolts

Tools needed:

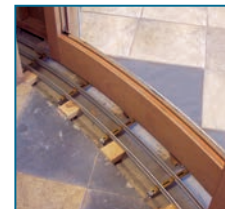
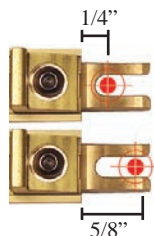
- allen (hex) wrench 5/32" and open end wrench 7/16"
- saw to cut the tracks and bridges into lengths needed
- gauge for spacing between the tracks (comb gauge or other type)
- drill, concrete epoxy, level (optional)
- vice grips, channel lock or C-clamp (optional)

Plan your assembly:

- Track blades have 2 reversible edges: 5 mm diameter for lift slide and 6 mm diameter for PD rollers.
- It is recommended that the **track blades** protrude 3/16" out of the finished floor. Lift slide track height needed is 3/16".
- Maximum recommended panel weight is 880 lbs.
- Recommended space between **track bridges** is between 12" to 24", for effective height adjustment; conservatively 12" for maximum adjustability & stability until floor is laid, and up to 24" for simpler installation.
- Finished floor minimum depth is 1-7/8" (see page 3). FFI doesn't advise on floor/subfloor specs.
- FASTrack can either be assembled in the floor at the jobsite or preassembled elsewhere (with care taken to secure system during transport). **Track bolts** can be anchored in sub-floor holes before attaching FASTrack assembly on top, or bolted to FASTrack structure first and then lowered into floor holes. Plan for drilled holes to be centered approx. 1/4" to 5/8" wider on each side than the bridge piece width (see Fig. A).
- FASTrack can be assembled to slope up to 2 degrees for **surface drainage**; FASTrack is not designed for sub-floor drainage.
- **Curved track/curved wall** applications: Assemble bridges at chosen radius, and bend track by hand to insert. Curve radius must be decided by door manufacturer; FFI does not advise on minimum/maximum curve radius. Do not bend carriages. It is important that the track meets the bridge at a 90 degree angle.
- FFI recommends using one continuous piece of track for each door cut to appropriate length, with no seams. If you do join 2 track pieces, use a FASTrack bridge and clips on both sides of the joint. Also place any seam where wheels will not roll over the joint, for example, in the center for meeting panel layouts or in the pocket or behind a fixed panel for other layouts.
- To help plan your assembly, please read "Basic Assembly Steps" on the following page.
- **Stainless steel/brass vs. aluminum FASTrack** are separate systems requiring different parts and installation methods—before starting, check that installers are using the correct parts and installation instructions for the system type being installed.



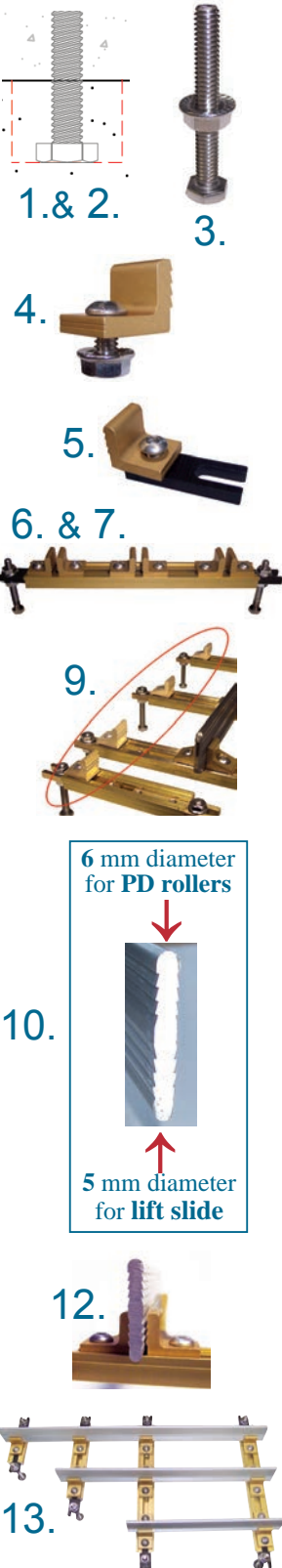
Fig. A



Curved track installation
by Sliding Specialties
www.slidingspecialties.com

Basic assembly steps Aluminum System

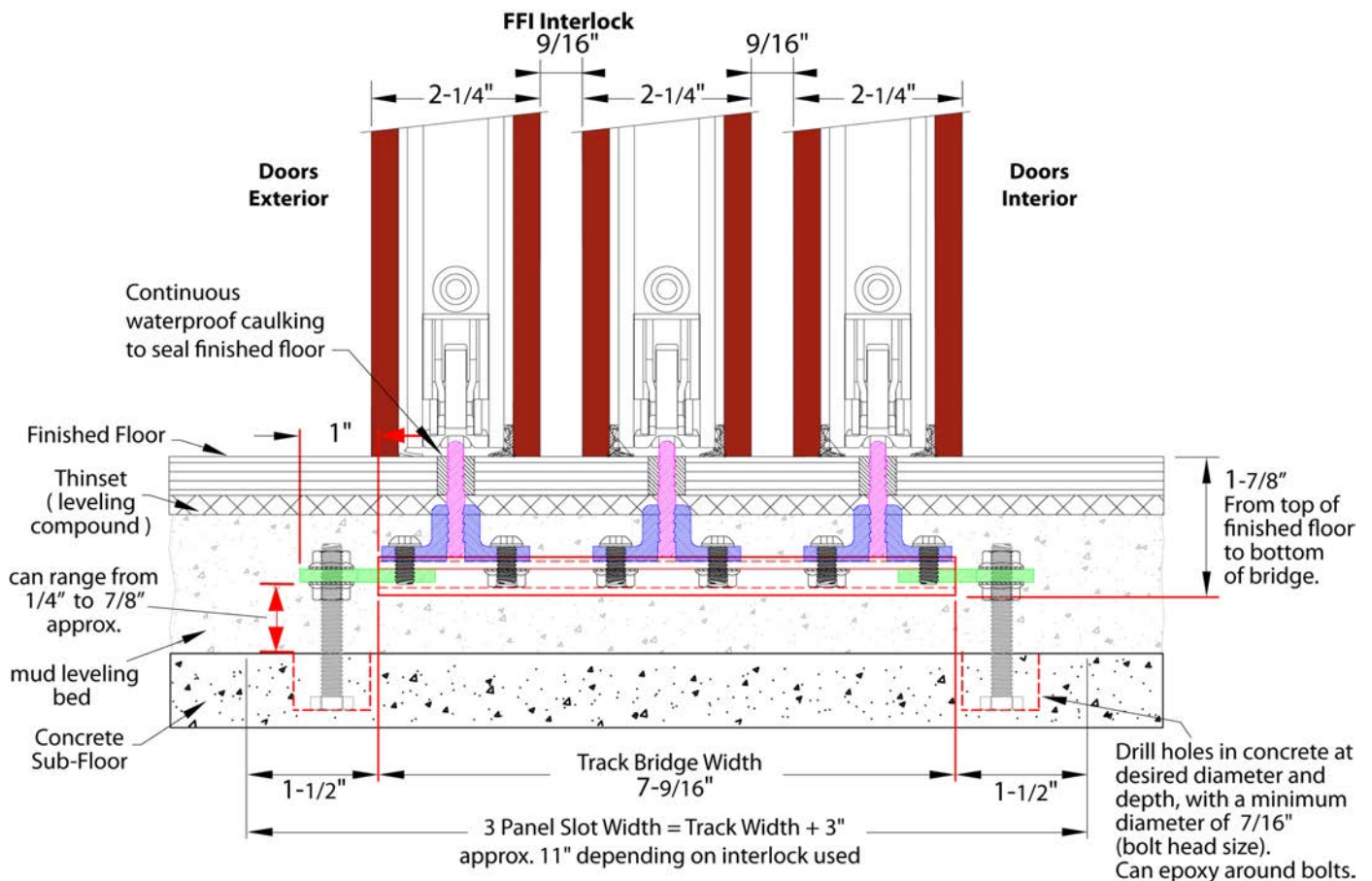
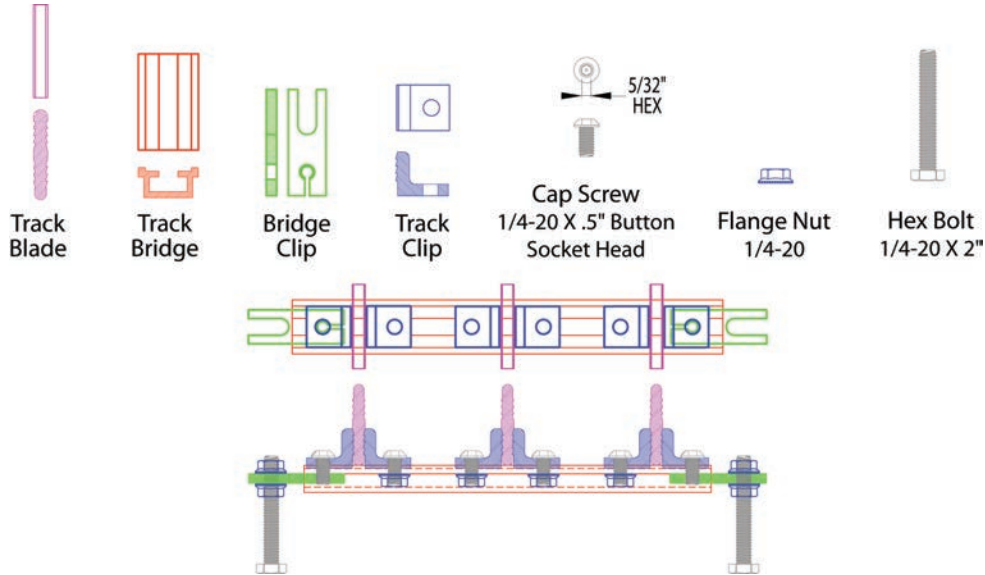
Note: this basic guide contains steps that are strongly recommended for all installations, as well as some optional suggestions.



1. Plan placement/spacing of **track bridges** on sub-floor; mark where to place track bolts, head-down.
2. If using **2" track bolts** (available from FFI; optionally, source bolts elsewhere), drill holes in sub-floor, approx. 3/4" deep and diameter larger than 7/16" track bolt heads. If placing bolts in floor before attaching to track system, insert **track bolts**. Use epoxy to secure bolt heads; ensure bolts are straight up. (Optional method: use anchor bolts and no epoxy.)
3. Screw a **flange nut**, flange side up, onto each track bolt.
4. Pre-assemble each **track clip** (that will *not* be at the end of a bridge) with **cap screw** through the top and **flange nut** underneath, flange side up. Leave nut on loosely, so this **track clip assembly** will slide into the bridge.
5. For each track clip at the **end** of a bridge, assemble a **bridge clip** underneath (instead of a nut). Leave screwed loosely, so this **bridge clip assembly** will slide into the bridge.
6. Slide **track clip assemblies** and **bridge clip assemblies** into **track bridge** channels, so that there are 2 **track clips** positioned to hold each track.
7. Lay **track bridges** in place, with toes of **bridge clips** resting on flange nuts & track bolts.
8. Check and level tops of track bridges. Then place a **flange nut**, flange side down, on the tops of the bolts and spin down until firmly secure.
9. It can be helpful to form a wall of clips to place the track against, making assembly simpler. To do this, tighten the cap screws with an allen wrench in all of the track clips that will be on one side of the first track to be set. (*Note: works best with track clips that are assembled with **bridge clips**, not nuts; cap screws can have trouble tightening into flange nuts *before* track clips are holding track, which angles the nut enough to stop from spinning loosely.*)
10. Determine which track sides to use: for lift slide (or LAR2500014 screen roller), place track with 5 mm diameter side up. For standard patio door or screen roller, place track with 6 mm diameter side up.
11. To insert track: set and hold the **track blade** in place against the wall of **track clips**. Slide the track to approximate lengthwise position, which can be adjusted later if needed. Clamps may be used to hold the track in place at this stage.
12. To tighten assembly: on a bridge, take a **track clip** on the unsupported side of the track and slide it in to secure the track, so that the track's grooves and the serrated sides of the track clips have a snug fit; tighten both cap screws with allen wrench. Repeat this process for all track blades.
13. Adjust and level blade heights so **track blades** will protrude 3/16" above finished floor. Adjust width between tracks by moving **track clips** along **bridge**. Ensure tracks are clipped in place, leveled and checked.
14. Flooring can be finished as planned, with concrete, tile, wood, or other flooring.
15. Install doors over finished floor.

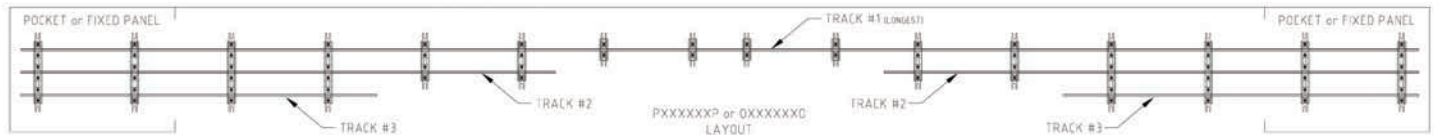
Aluminum FASTrack Example Installation

Below is one example of how assembly might take place. FASTrack is a very flexible, adjustable system, adaptable to many different panel widths, and many different floor & subfloor materials and dimensions.



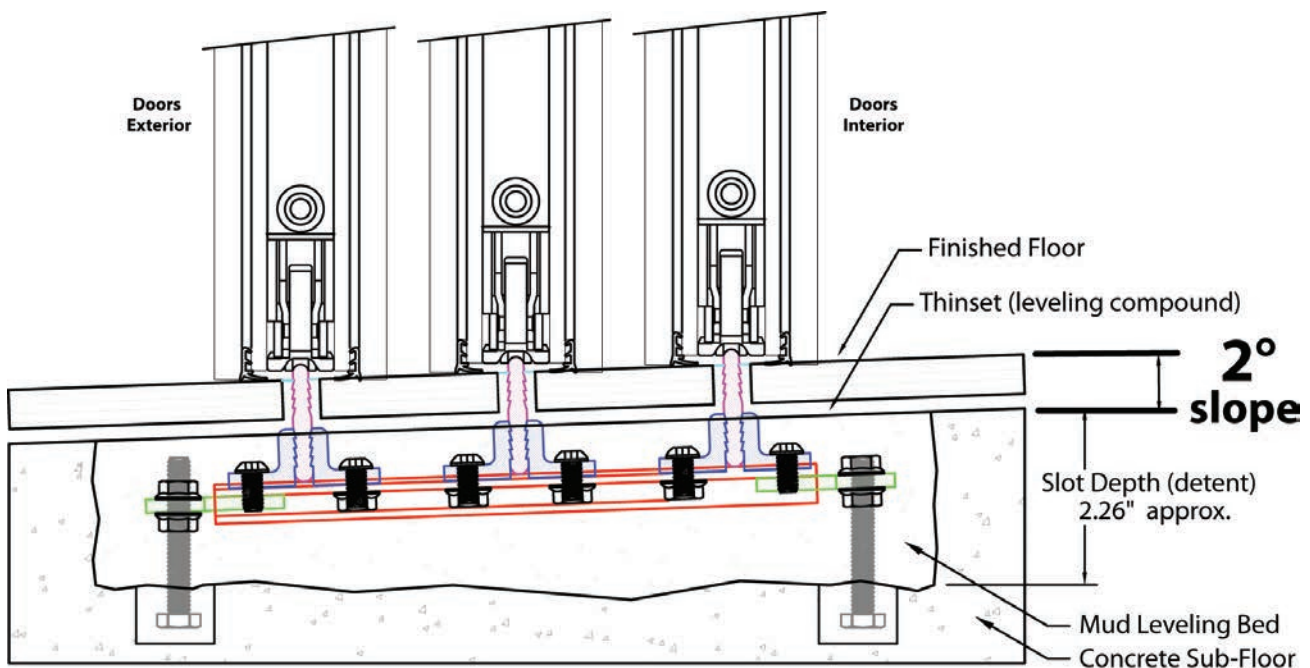
Above is one example scenario. FFI doesn't advise on materials, dimensions, or specifications of floor or subfloor.

Layout Example
PXXXXXXP or OXXXXXXO



CAD files available - contact customer service

Slope for Drainage Example (2 degree slope)



Above is one example scenario. FFI doesn't advise on materials, dimensions, or specifications of floor or subfloor.

FFI Warranty for FASTrack: FASTrack components are warranted for one (1) year from date of original purchase against defects in materials and manufacturing, under normal installation and use. Stainless Steel and Brass parts are warranted for 15 years against corrosion-related functional failure. Aluminum is warranted for 1 year against corrosion-related functional failure. Surface rust discoloration is normal and won't affect product function. Warranty doesn't cover corrosion from direct exposure to harsh chemicals such as chlorine or chlorides, nor improper settling of floor. Any return or claim must be made according to FFI Terms and Conditions, see FFI catalog section A. **Maintenance:** Maintain sliding doors and tracks monthly; use water & mild soap to clean away debris and dirt; use a mildly abrasive pad such as Scotch-Brite to clean any surface discoloration or rust. **Material Recommendations:** Stainless steel is recommended for applications in concrete, coastal, pool areas, and other environments with corrosion risk. Aluminum is at risk for corrosion when embedded in concrete that contains chlorides. Use all SST/brass or aluminum system; do not mix parts (aluminum clips won't fit SST track). **Wheel compatibility:** Any track material is compatible with nylon wheels on FFI SST lift slide carriages. If using patio door rollers with steel or stainless steel wheels, aluminum track is not recommended; use stainless steel track.