

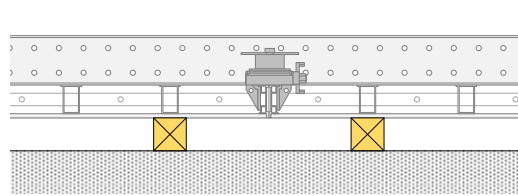
STIFF-BACK ADAPTER ASSEMBLIES & INSTALLATION

(SHEET 1 OF 1)

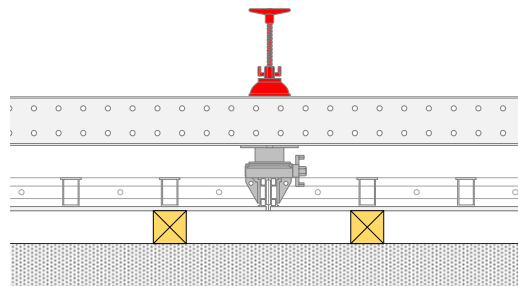
Stiff-Back Adapter Assembly Guidelines

- Use stiff-back adapter with available style of double channel or solid beams for very tall gangs or in multi-lift shear-wall climbing conditions
- For general vertical alignment conditions (not one-sided formwork) Install stiff-back adapters at all horizontal panel joints, as well as one foot below the top & one foot above the bottom of the full gang height. Intermediate adapters are not necessary to achieve vertical panel alignment.
- For one-sided formwork gangs, additional adapters are required based on desired pour pressure. Consult engineering for those applications.
- To install each vertical line of adapters, first lay the double channel stiff-back next to the desired location across panels in the direction of the gang height. (See Figure 1., Step1.)
- Attach all stiff-back adapters in the require locations and tighten them to the panel inner rails or side-rails
- Lift the double channel stiff-back onto the line of stiff-back adapters. (See Figure 1., Step2.)
- Attach the tie plate nut & tee-rod to secure the stiff-back channel into position. If u-plate connections are used, add bolt assemblies to secure the stiff-backs. (See Figure 1., Step 3. & 4.)

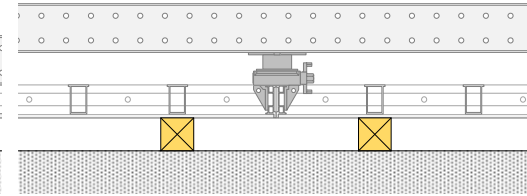
Note: all components must be inspected for cracks, broken welds or any other visible defects prior to each use. Replace all components that are deemed to be unsafe for use.



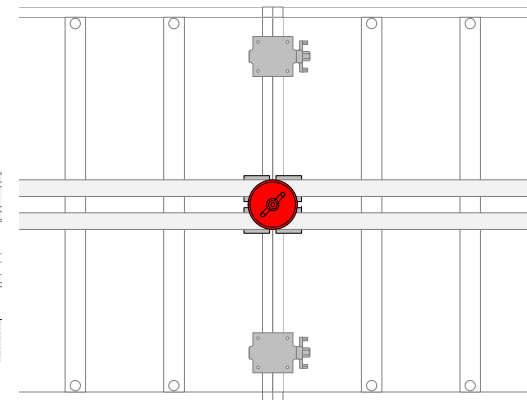
Step 1. Lay Double Channel Stiff-Back Onto Panel Gang, Next To Desired Position. Attach Stiff-Back Adapters In A Line Parallel With Double Channel At Design Locations. Tighten All Clamps Into Position



Step 3. Connect Tee-Rod & Tie Plate Nut to Secure Stiff-Back Channel. (Add Screw Assemblies For U-Plate Connection)



Step 2. Lift Double Channel Stiff-Back Onto All Stiff-Back Adapters



Step 4. Lift Gang Assemblies Into Desired Wall Location

Figure 1. Stiff-Back Adapter Installation Sequence. Shown With Tee-Rod Assembly. U-Plate Assembly Similar

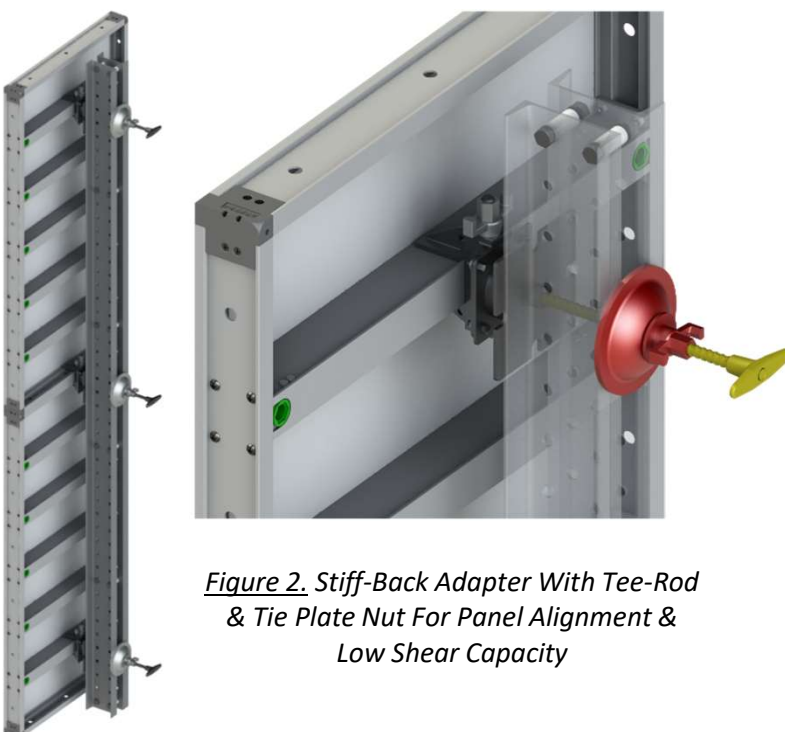


Figure 2. Stiff-Back Adapter With Tee-Rod & Tie Plate Nut For Panel Alignment & Low Shear Capacity



Figure 3. Stiff-Back Adapter With U-Plate Connector When Higher Shear Capacity Is Required