

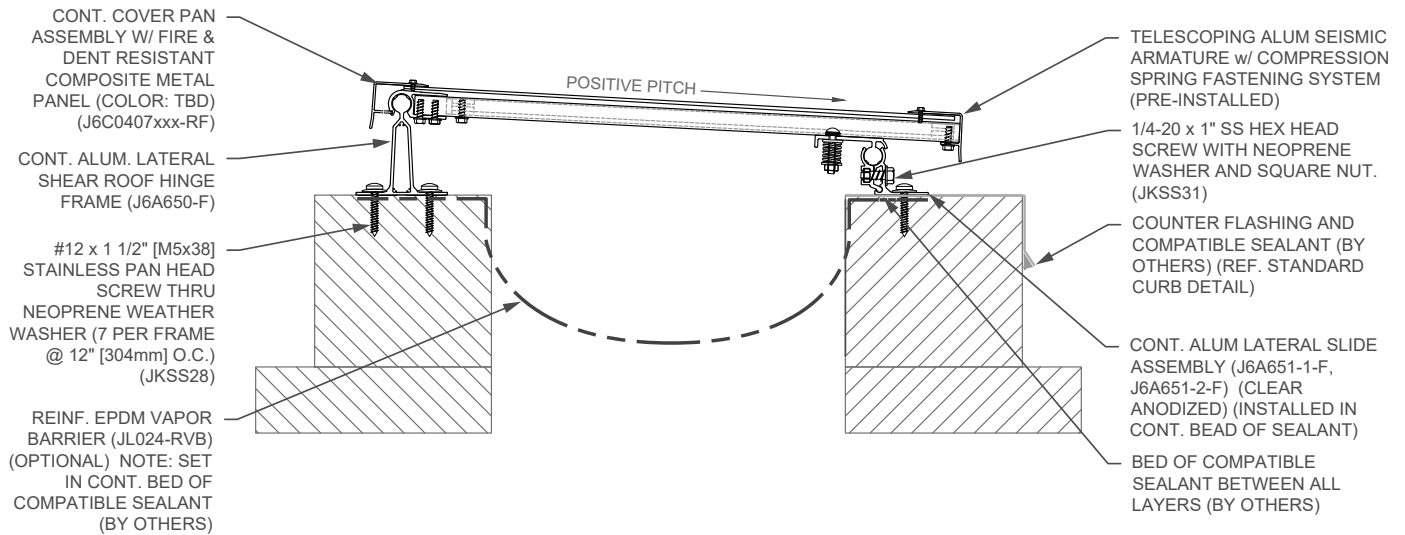
Installation Instructions

Joint System: 650C-A01 Roof to Roof

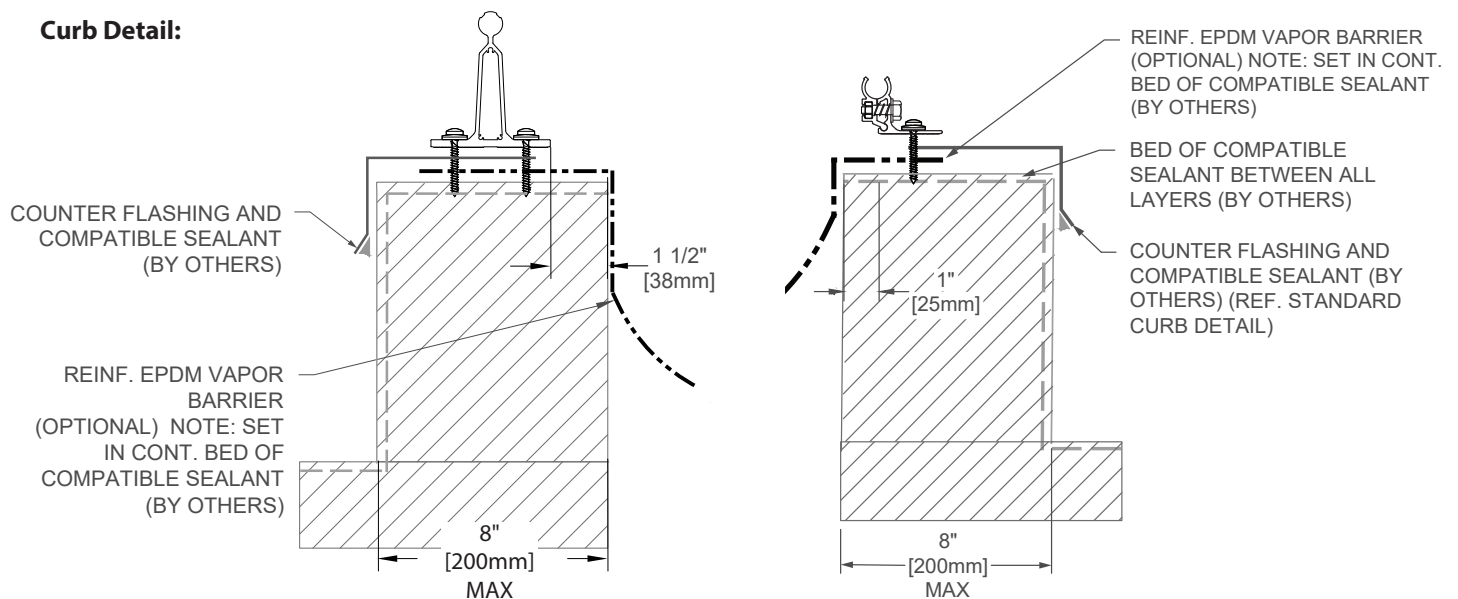
Note: Verify that the structural gap is in conformance with submittal data before beginning installation. If this is a Fire Rated Assembly, install the fire barrier before the Architectural Joint System. Refer to the fire barrier instructions for specific system installation. See Reinforced Vapor Barrier Installs (IPC.1698) for proper installation procedures. Available on inprocorp.com under Fire + Moisture Barriers. Reference project shops before installing.

Note: for installations subject to non-conditioned applications, a thermal gap is required between the end-to-end connections of the frames and covers. When installing in warm conditions (ie- 75F / 22C or greater), the covers can abut eachother directly, however during cooler weather installs (70F / 21C or less), the recommended gap width between frames and covers is 1/8" (3mm) min. Prior to installing the next frame in sequence, apply polyurethane sealant (By Others) to the end of the frame / cover before seating the next profile.

Roof to Roof Detail



Curb Detail:



IPC.3539 / REV.2

JOINTMASTER® Expansion Joint Systems

inpro.com • 800.222.5556 • 262.679.9010

World Headquarters S80 W18766 Apollo Drive, Muskego, WI 53150 USA

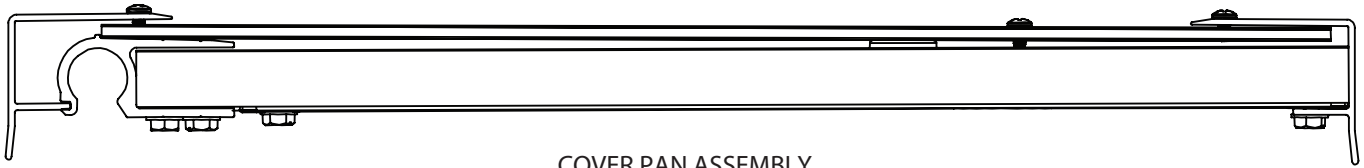
Installation Hotline: 866.394.6776

inpro®

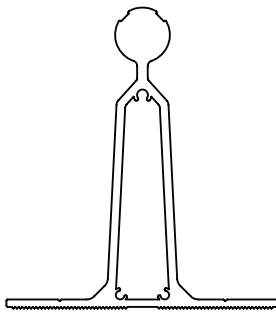
Installation Instructions

Joint System: 650C-A01 Roof to Roof

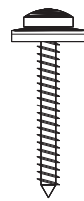
Components:



COVER PAN ASSEMBLY

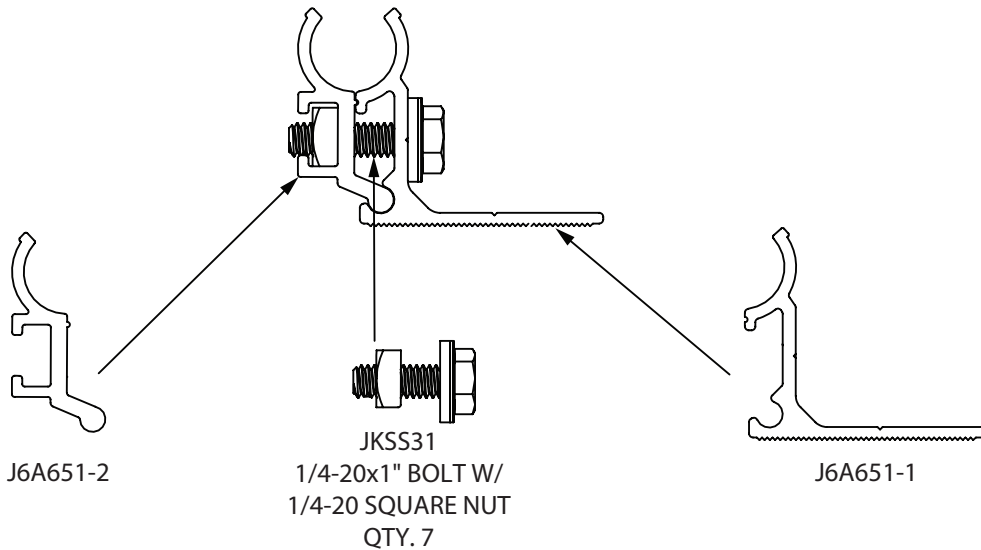


J6A650-F
ONE PIECE LATERAL
SHEAR ROOF HINGE



JKSS28
#12x1½" STAINLESS
PAN HEAD SCREW

TWO PIECE LATERAL SLIDE ASSEMBLY



J6A651-2

JKSS31
1/4-20x1" BOLT W/
1/4-20 SQUARE NUT
QTY. 7

J6A651-1

Recommended Tools

Saw w/ aluminum cutting blade, Drill, Socket Head Driver 7/16" [11 mm] & Socket extender, White Lithium Grease, Compatible sealant for roofing, Sillicon sealant (grey), Safety Glasses, Painters tape, Tape Measure, 2ft to 4ft Level, Plumb bob, Power Drill, Drill Bits (appropriate for surrounding substrate), Circular saw, Power Miter Saw, Fine toothed finish blade for Aluminum

JOINTMASTER® Expansion Joint Systems

inpro.com • 800.222.5556 • 262.679.9010

World Headquarters S80 W18766 Apollo Drive, Muskego, WI 53150 USA

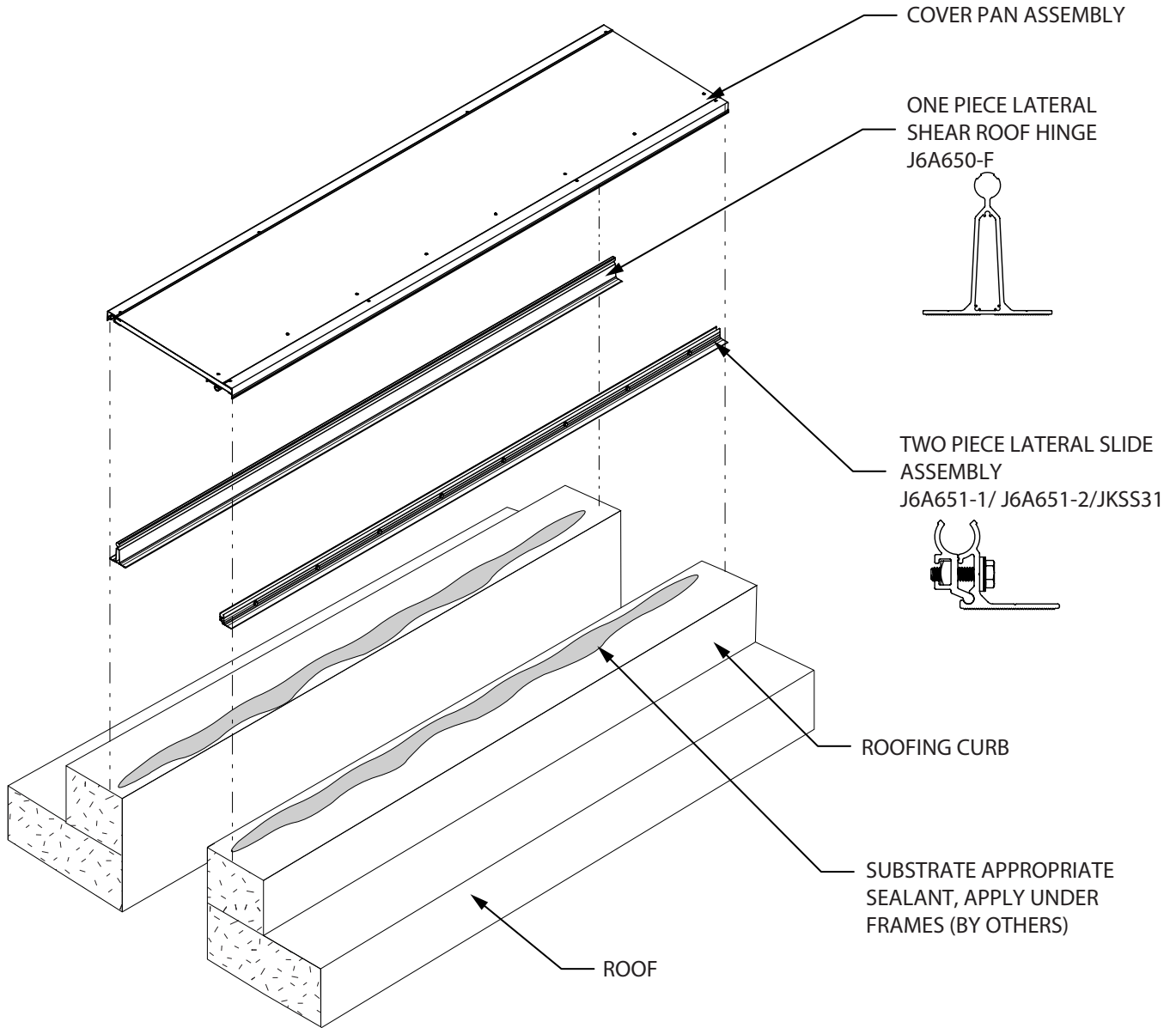
Installation Hotline: 866.394.6776

inpro®

Installation Instructions

Joint System: 650C-A01 Roof to Roof

Assembly Overview:



JOINTMASTER® Expansion Joint Systems

inpro.com • 800.222.5556 • 262.679.9010

World Headquarters S80 W18766 Apollo Drive, Muskego, WI 53150 USA

Installation Hotline: 866.394.6776

inpro®

Installation Instructions

Joint System: 650C-A01 Roof to Roof

Figure 1 Installing the Two Piece Lateral Slide Assembly

1. Slide J6A651-2 into J6A651-1. (See Fig.1)
2. Slide ¼-20 square nuts into extruded slot on J6A651-2. (See Fig.1.1)
3. Loosely thread the hex head screws with gasket washer into square nuts across the two piece lateral slide assembly. (See Fig.1.1)

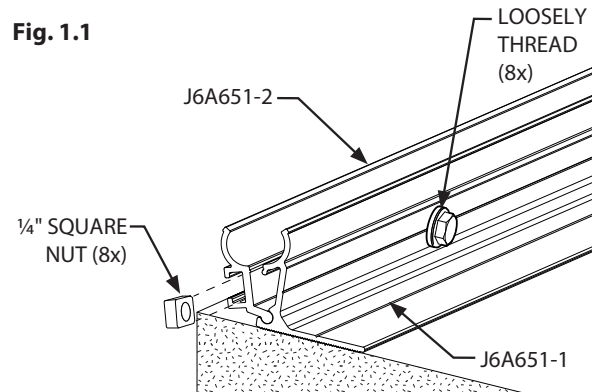
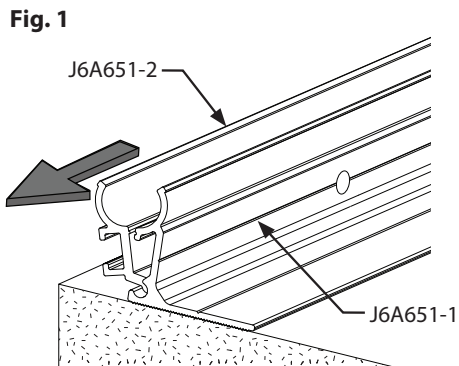
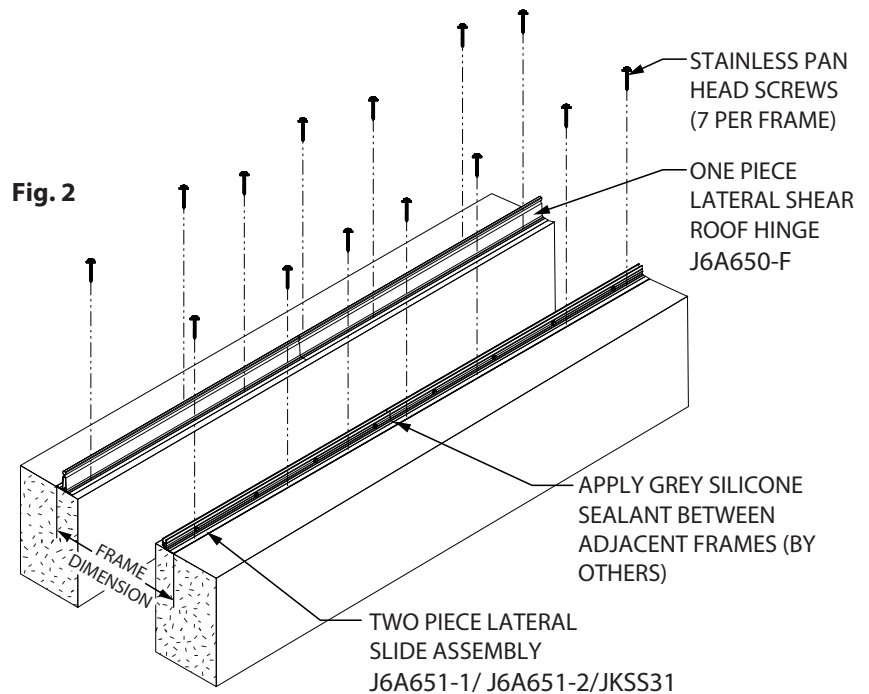


Figure 2 Installing the Frames

4. Place the frames firmly against the curb with frames positioned as shown(See Fig.2)
5. Reference project details and chart below to verify final frame positions. Ensure system is centered over Expansion Joint.
6. Mark the pre-drill hole locations on the curb and remove the frames.
7. Drill all marked holes on the curb using a 1/8" (3mm) drill bit to a 1 ½" (25mm) depth.
8. Lay continuous bed of substrate appropriate sealant on top of both curbs over vapor barrier membrane.
9. Return frames into position over the drilled hole locations. Add silicone sealant at all butt seams between frames before securing. Secure in place with stainless steel pan head screws (7 per frame)



JOINTMASTER® Expansion Joint Systems

inpro.com • 800.222.5556 • 262.679.9010

World Headquarters S80 W18766 Apollo Drive, Muskego, WI 53150 USA

Installation Hotline: 866.394.6776

inpro®

Installation Instructions

Joint System: 650C-A01 Roof to Roof

Figure 3 Installing Cover Pan Assembly

10. Apply white lithium grease along entire length of cylindrical part of one piece lateral shear roof hinge (J6A650-1).

NOTE: At the end of a run, pre-assemble one piece frame into cover pan before installing.

11. Slide cover pan assembly onto the one piece lateral shear roof hinge until they are flush. (See Fig. 3)

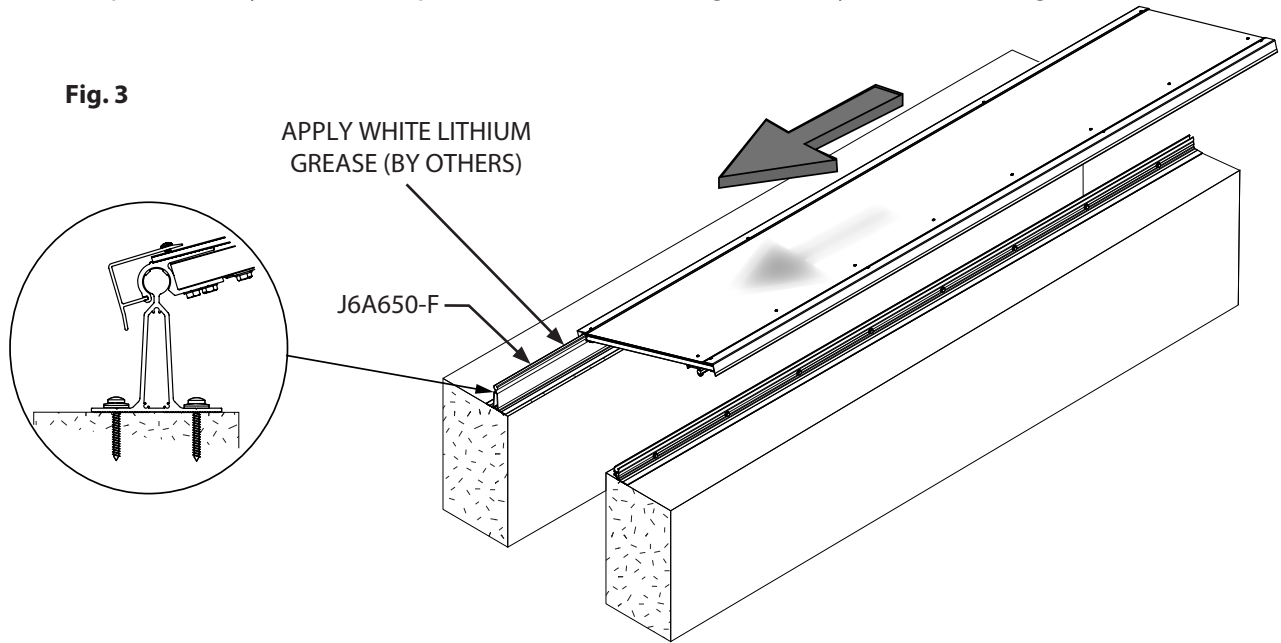


Figure 4 Installing Cover Pan Assembly

12. Rotate cover pan assembly, seating the lateral slide frame, into the two piece lateral slide assembly. (See Fig.4 & Fig.4.1)

Fig. 4

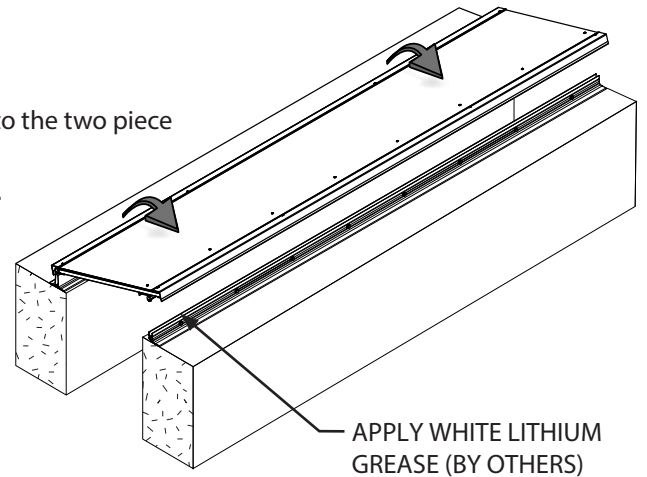


Fig.4.1



JOINTMASTER® Expansion Joint Systems

inpro.com • 800.222.5556 • 262.679.9010

World Headquarters S80 W18766 Apollo Drive, Muskego, WI 53150 USA

Installation Hotline: 866.394.6776

inpro®

Installation Instructions

Joint System: 650C-A01 Roof to Roof

Figure 5 Installing Cover Pan Assembly

13. Make sure the cover pan assembly rests in the two piece lateral slide assembly.(See Fig 5 and 5.1)

14. Using 7/16" socket, tighten JK31SS. (See Fig.5.2)

Fig. 5

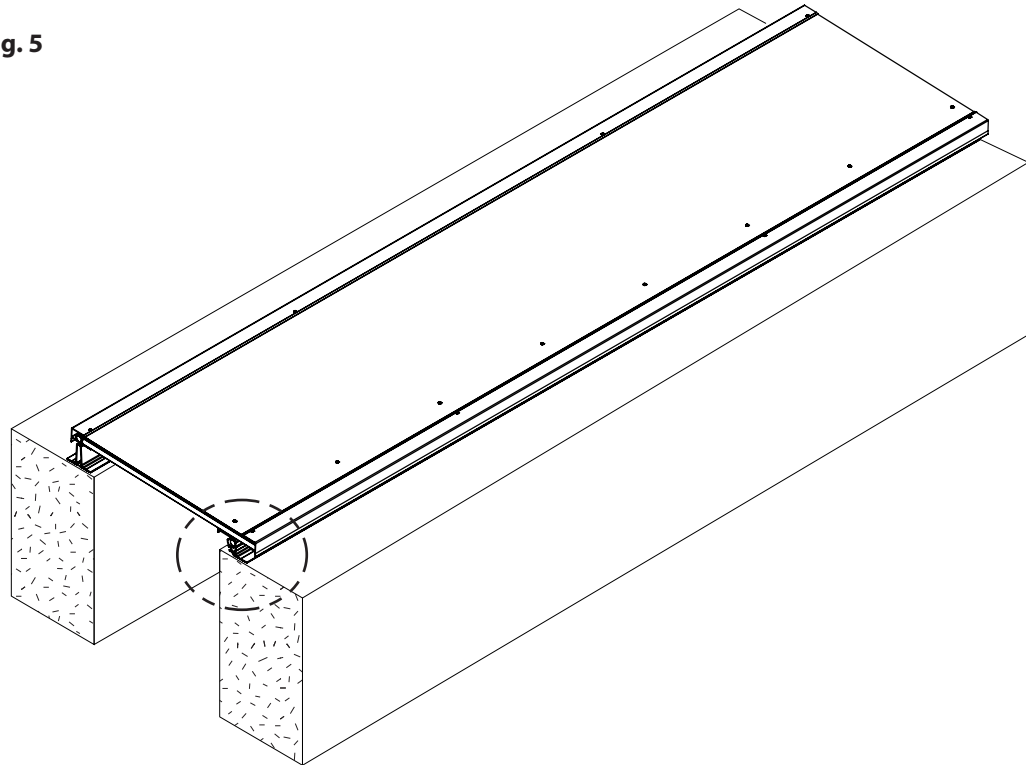


Fig. 5.1

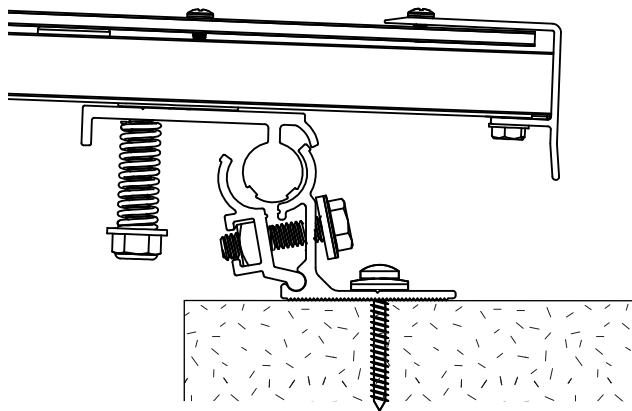
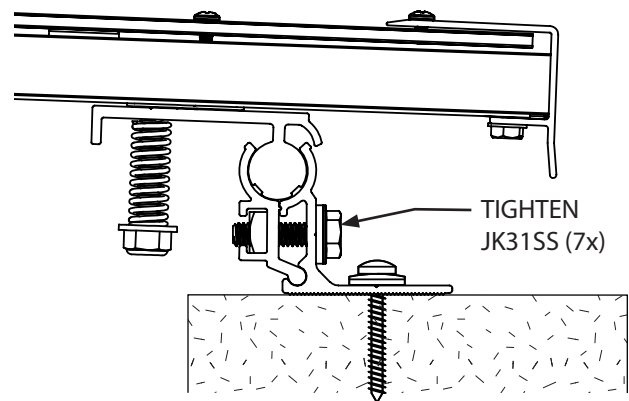


Fig. 5.2



JOINTMASTER® Expansion Joint Systems

inpro.com • 800.222.5556 • 262.679.9010

World Headquarters S80 W18766 Apollo Drive, Muskego, WI 53150 USA

Installation Hotline: 866.394.6776

inpro®

Installation Instructions

Joint System: 650C-A01 Roof to Roof

Figure 6 Installing Splice Plate

15. Clean area using isopropyl alcohol or denatured alcohol.
16. Center splice plate where cover pan assemblies meet.
17. Apply system seam sealant to top of cover pan assemblies as shown. (See Fig.6)
18. Secure splice plate with two sheet metal screws 1" from edge of splice as shown below. (See Fig.6)

FIG.6

A01 to A01

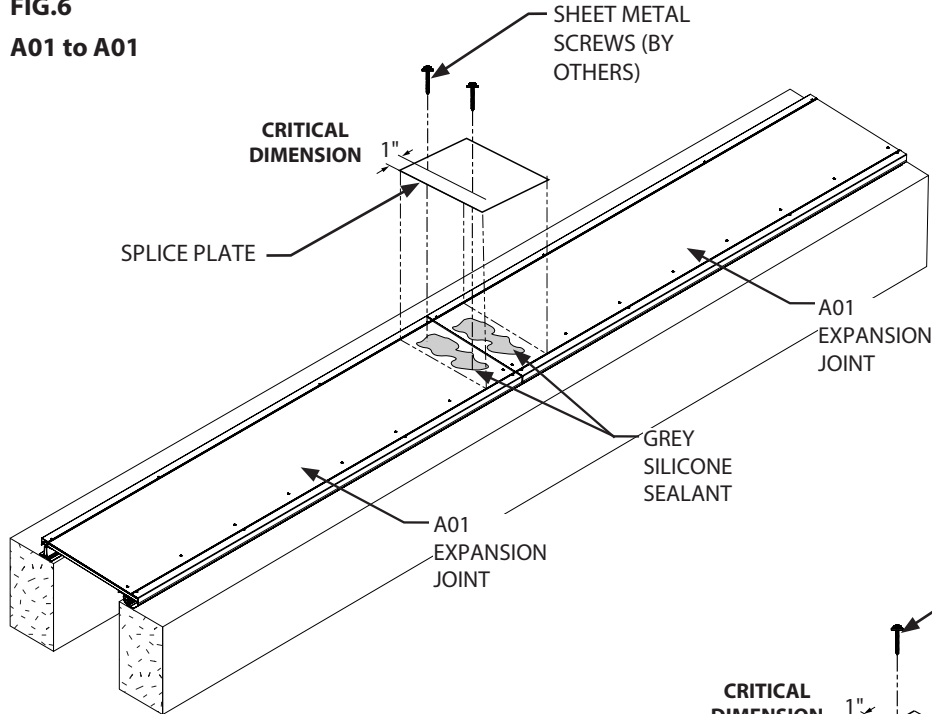
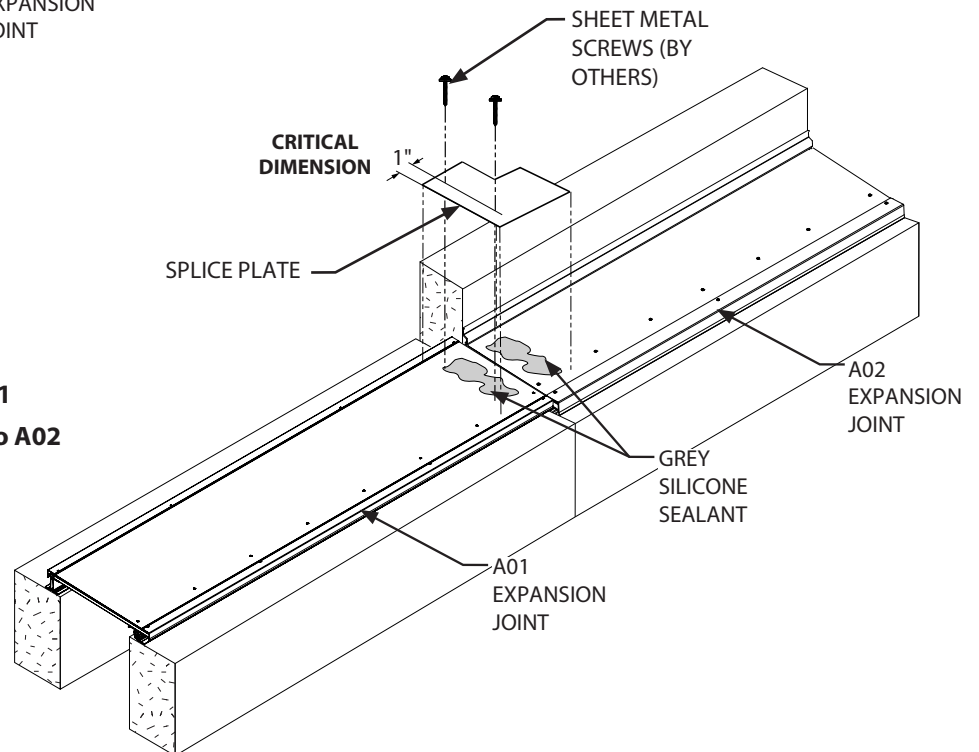


Fig.6.1

A01 to A02



JOINTMASTER® Expansion Joint Systems

inpro.com • 800.222.5556 • 262.679.9010

World Headquarters S80 W18766 Apollo Drive, Muskego, WI 53150 USA

Installation Hotline: 866.394.6776

inpro®

Installation Instructions

Joint System: 650C-A01 Roof to Roof

Figure 7 Cutting Cover Pan Assembly

19. Measure out the length of the final section of run. (See Fig.7.2)
20. Ensure the cut line is not over the horizontal arms of the system. If the cut line is in line with an arm, move cut to either side. It is recommended to keep the horizontal arms if possible. (See Fig.7.2)
21. Protect the face of the system by applying masking or painter's tape to the area of the cut. Use a T square or other straight edge to mark the cut line on the tape. Ensure the line is perpendicular to the sides of the pan. (See Fig.7.2)
22. Slide lateral slide against the parallel frame and secure with tape. (See Fig.7.1 & Fig.7.2)

Fig.7.1

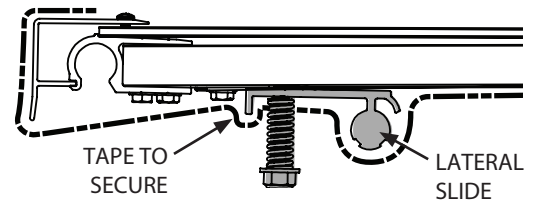
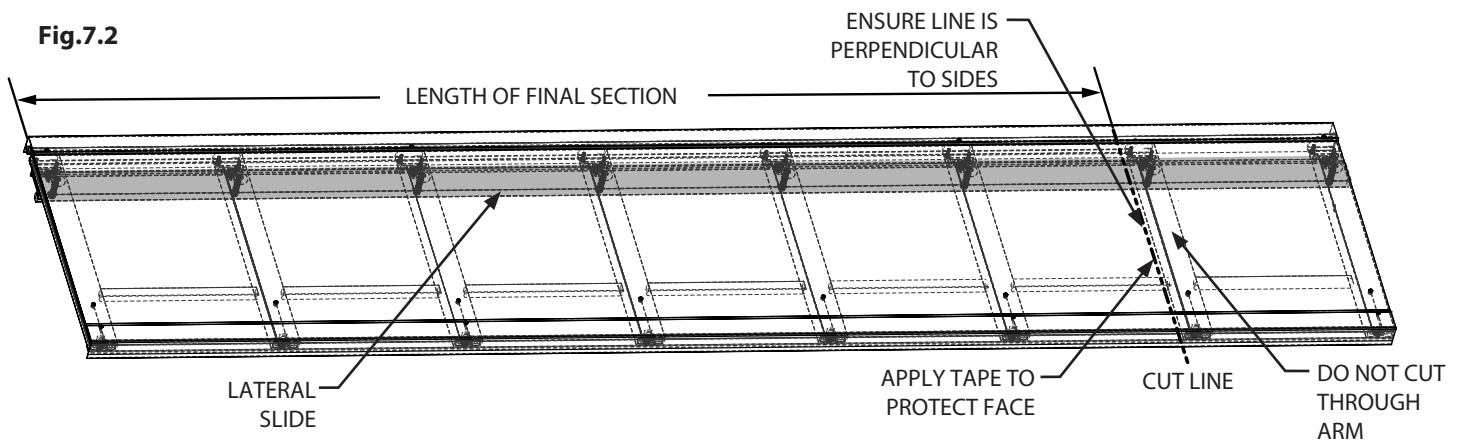
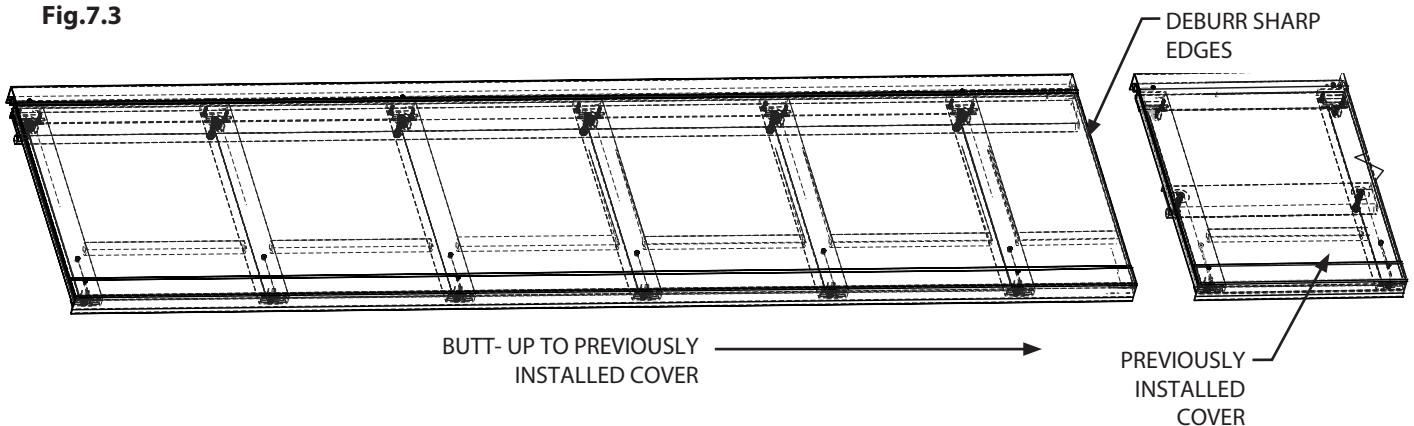


Fig.7.2



23. After completing the cut, remove the tape, and deburr any sharp edges around the frame with a metal file. (See Fig.7.3)
24. If cut removes a horizontal arm, cut the cover so the cut edge, abuts to a previously installed cover. (See Fig.7.3)

Fig.7.3



JOINTMASTER® Expansion Joint Systems

inpro.com • 800.222.5556 • 262.679.9010

World Headquarters S80 W18766 Apollo Drive, Muskego, WI 53150 USA

Installation Hotline: 866.394.6776

inpro®