

Panel Stiffeners are required for specific projects with certain wind load requirements. Please refer to QuickPanel ASTM E330 testing document to decide number of panel stiffeners required for specific wind load and deflection requirements.

- 1 Have panel backplates installed following the QuickPanel Installation Guide. Always install panel stiffener parallel to the short span of ACM Panel (Figure 1).

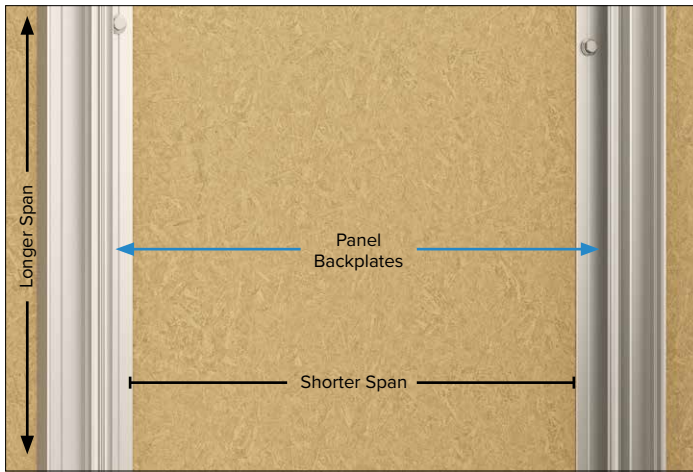


Figure 1

- 2 Install panel stiffener backplate (EZ 7B) slightly overlapping panel backplates. Fasten it with screws into the fastener lines at 16" O.C. (Figure 2).

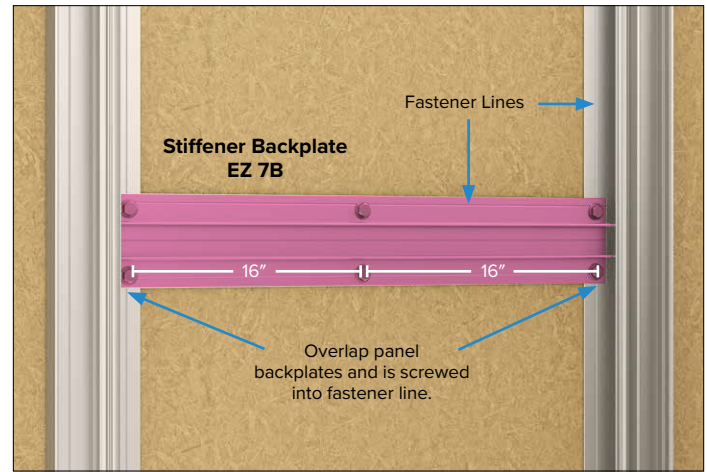


Figure 2

- 3 Snap panel stiffener top cap (EZ 7T) into the backplate (Figure 3).



Figure 3

- 4 Apply primer to the top surface with WypAll wipers (Figure 4).

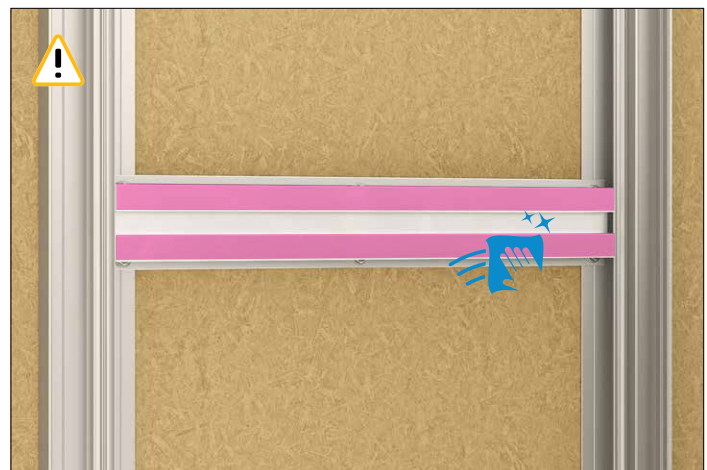


Figure 4



IMPORTANT

It is recommended to apply bonding primer to the top surface of the panel stiffener top cap. Primer application has been proven to improve 3M tape/ silicon adhesion considerably better.





- 5 **Option 1:** For installation in warmer climate (above 0° C), apply 3M double sided tape on both mating surfaces (Figure 5).
- Option 2:** For installation in colder climate (below 0° C), apply 3M double sided tape on one mating surface and silicone glue on the other mating surface (Figure 6).

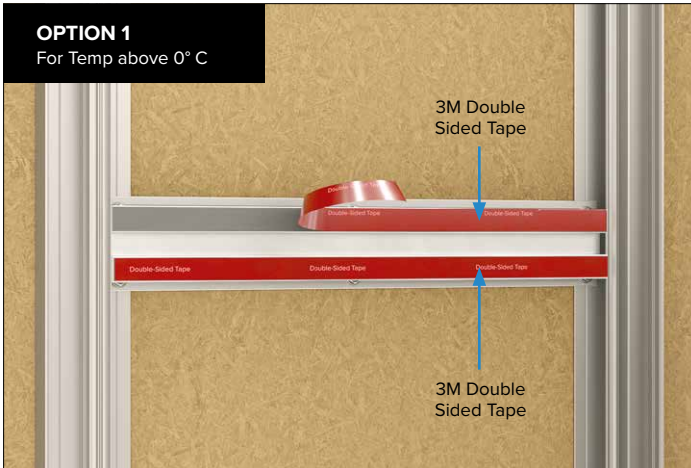


Figure 5

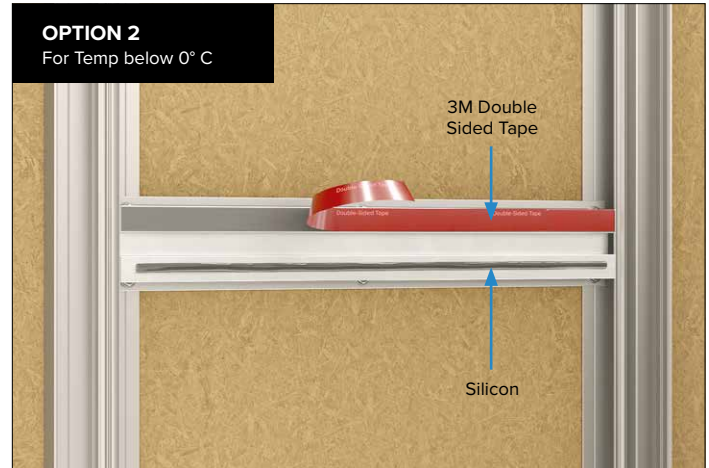


Figure 6

- 6 Fit in and attach panel onto panel stiffener (Figure 7).

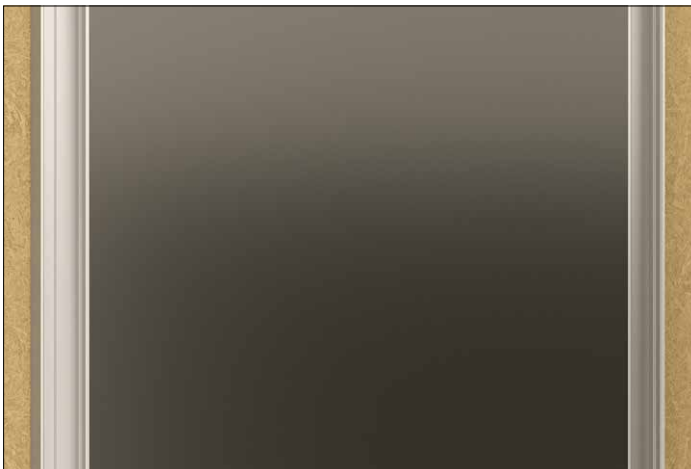


Figure 7

- 7 Snap panel top caps into the backplates (Figure 8).



Figure 8

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