CRANE
Composites

faqs
7916

GLASBOND® FREQUENTLY ASKED QUESTIONS

Is the Glasbond Adhesive an "Advanced Polymer-base"?
The Glasbond adhesive is a pressure sensitive adhesive, that can bond to both porous and non-porous surfaces.

What substrates will the Glasbond adhesive adhere to?
The Glasbond adhesive has been tested and validated over unprimed paper-faced drywall, primed drywall, painted drywall, mold/moisture resistant drywall, untreated plywood, and steel.

Is the Wall prep different from traditional FRP installation?
Glasbond wall prep is similar to traditional installations, in that the substrate needs to be clean, dry, and free of dust/grease/debris.

Warranty same as traditional install?
Glasbond is incorporated into our Standard 10-year Limited Warranty, which can be found on our website Resource Center (form #7580).

Is paste being replaced?
No. Crane will still carry and promote paste adhesives with our Fast Grab and Advanced Polymer formulations.

Weather conditions to install?
The Glasbond adhesive can be applied in conditions as low as 40°F, but it is recommended to install in conditions between 60-75°F.

What is the serviceable temperature range of Glasbond?
After installation, Glasbond is approved for final applications between -40oF and 130oF.

What does the cost include?
Glasbond is priced by the square foot, and sold in panels (4'x8' and 4'x10') – which includes the FRP, prefabricated adhesive backside, and protective release liner. 2-piece Glasbond Trims are sold separately from the panels, in both 8' and 10' lengths.

Are compatible trims available? How do the Glasbond trims apply to the panels?
Glasbond panels have a ½" offset on the backside, where the adhesive is held off the FRP edge. This allows the 2-piece Glasbond Division Bars to slide behind installed sheets, maintaining a speedy installation. Standard 1-piece trims are not advised, as they will require more time and finesse to install.

Can it be repositioned after contact?
Yes, the Glasbond adhesive is designed for some forgiveness upon initial tack. If a panel needs repositioning, simply pull back off the substrate and realign/reapply. Try to limit the repositions to ≤2 or less. Once pressure is applied to the panel, it will no longer be reposition-able.

Can the panel be used if the adhesive gets compromised?
We do not recommend using panels if the adhesive is compromised in any way. If the adhesive is tarnished or contaminated, we recommend getting a new sheet of Glasbond.

Are the expansion joint recommendations same as traditional install?
Yes, we still recommend the same 1/8" for vertical seams and ¼" for horizontal seams for Glasbond.

Are you going to test different plywoods?
Yes, we have tested and approved untreated plywood as a substrate. We plan to evaluate several other different substrate types in the future and will update the market as we test.

Is there a ceiling application?
Glasbond is currently recommended on vertical wall application only at this time. While we believe Glasbond has potential in ceiling applications, we have yet to test this application fully to validate fit-for-use. We plan to explore this more in the future.

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Is this an exclusive product? Patents?
As far as we know, Glasbond by Crane Composites is the only self-adhered FRP panel on the market. Glasbond is patent-pending.

Will lead times be affected?
Crane will stock Glasbond in our Joliet facility and ship within 5 business days.

Do you have literature on this product?
Yes. Our Glasbond brochure can be found at GLASBOND.com

Have you shipped it on a skid and packaged like traditional FRP?
Yes, we have sent palletized shipments of Glasbond via LTL to places like Phoenix, Houston, and Baltimore – without issue. Glasbond is packaged similar to standard FRP, in stacks of 50, but with some added side protection and strapping/bracing.

What are the different Wall Preps, Panel Preps and Moisture Preps?
Wall preparation, panel preparation, and moisture/temperature/humidity guidelines can all be found in our Installation Guide (form #7907), beginning on Page 3.

What is the warehouse shelf life?
Glasbond has a 24 month shelf life (similar to paste adhesive).

Is there a run stamp with date manufactured on the panel?
Manufacturing dates are printed on the pallet labels of all Glasbond shipments.

Temperature issues after a it sits on a boom truck for hours in sub-zero and wind conditions?
Glasbond adhesive can be applied in conditions as low as 40°F. It is recommended to acclimate the Glasbond panels to near ambient temperatures (60°F-75°F) for ≥24 hours before installation.

Does this need architectural approval on traditional specs?
We do not believe this changes the interior finish schedule on specifications, as the FRP skin remains the same. However Crane offers samples and TDS sheets for submittal packs as necessary for certain project specifications.

What types of FRP products have the Glasbond backing?
Currently, Crane is only offering Glasbond with our standard Class C, White, Embossed FRP panel (PWIP). As we gain feedback from the market, other FRP panels (fire rated, smooth, etc.) will be considered for development.

How many sheets come on a single pallet of Glasbond?
Glasbond is sold in 50 piece pallets, 8’ and 10’ lengths

Will Glasbond stick on the wall for 10 years?
We have done extensive accelerated aging adhesion testing on Glasbond, to ensure confidence it will remain bonded for 10+ years.

Can Glasbond install over curved/radius walls?
We have not yet tested Glasbond over a radius wall and cannot confirm its performance in this application. We do not recommend Glasbond over curved walls at this time.

What are the storage condition recommendations for Glasbond?
We recommend storing Glasbond panels & accessories indoors on a solid, flat, dry surface other than the floor. Optimum storage conditions are 60° to 75° (16°C to 24°C) and 35% to 55% relative humidity. More storage & handling details can be found in our Installation Guide.

Can Glasbond be installed as a wainscot?
Yes, we recommend that you utilize the standard one-piece Glasbord PVC inside corner molding for wainscotting applications. The thinner profile will better nest into the end-cap trims at the top of each panel, avoiding unnecessary gaps.