

## *Finished Floor Adhesive Compatibility with AdvanTech X-Factor® Panels*

AdvanTech X-Factor® subflooring panels are high-performance wood structural panels with enhanced strength, stiffness and moisture resistance that outperforms typical plywood and oriented strand board (OSB) floor sheathing. AdvanTech X-Factor panels also have a built-in water-shedding barrier integrated into the panel surface. When installing adhered finish floor coverings over the panels, we recommend using a compatible adhesive to achieve a proper bond between the subflooring and finished flooring. For many finished flooring types, Huber Engineered Woods recommends the use of an underlayment. This technical tip is only intended for use in selecting a compatible adhesive when applying an adhered finished floor product directly over Advantech X-Factor panels.

Huber Engineered Woods has partnered with various adhesive manufacturers to test and evaluate compatibility between select adhesive brands and the built-in barrier on the X-Factor panel surface. Adhesives identified as compatible are a result of satisfactory testing conducted by the applicable adhesive manufacturer and does not reflect any internal testing performed by Huber Engineered Woods. Laboratory results should only be used as a guide as actual field conditions may vary. Always follow the installation guidelines provided by the finished floor adhesive manufacturer.

### ***Performance Evaluation***

Various adhesives were applied to the branded top surface of AdvanTech X-Factor panels and underwent applicable testing. Testing was in accordance with the testing protocol provided by the respective adhesive manufacturer. Testing protocols may vary between manufacturers. Adhesives that passed the manufacturers' required testing criteria for adhesion to AdvanTech X-Factor panels were deemed compatible by the adhesive manufacturer for use over the AdvanTech X-Factor panels.

### ***Note to Finished Floor Adhesive Manufacturers***

All adhesives recognized in this technical tip were evaluated by the manufacturers thereof. If you manufacture an applicable adhesive, please reach out to the Huber Engineered Woods Technical Service Team at 1-800-933-9220 ext. 2716 to inquire about testing.



**Table 1: Compatible Finished Floor Adhesives with AdvanTech X-Factor® Panels\***

Manufacturer	Products	
Bostik™ Adhesives**	Ultra-Set SingleStep 2™	HydraStix 95 Resilient™
	Multi-Lock™	HydraStix 95 Broadloom™
	Uni-Lock™	HydraStix 95 Resilient™
	VCT-Lock™	Stix™ 5900
	LVT-Lock+™	Stix™ 2199
	Wood Tack™	Stix™ 2230
	Aero-Lock™	Stix™ 5300
	Stix™ 6010	Pro-Cure™
	GoldStix™	EFA+™
	Pro-MSP™	BEST™
	GreenForce™	Vapor-Lock™
SikaBond™ Adhesives	T21	T100
DriTac™ Adhesives	7700	4141
	7800	5900
	7300	
Titebond™ Adhesives	771	801
	821	991
	811	
Stauf®	PIC-850	SMP-920**
	WFR-930	SMP-960**

\*Adhesive manufacturer recommendations as to compatibility are subject to change at their discretion. Always follow adhesive manufacturer installation guidance.

\*\* The use of primer recommended by the corresponding manufacturer is required for bonding to AdvanTech X-Factor panels.

## ***DISCLAIMER***

Huber Engineered Woods DOES NOT certify or otherwise take a position as to whether the above finished floor adhesives are in compliance with any specifications or standards that may be required for code recognition, finished floor manufacturer requirements, or other authorities having jurisdiction. It is the responsibility of the user to determine the proper materials and applications for their needs, and the user assumes all risks as to the use of any such material and its application. THE USER ASSUMES ALL RISK AND LIABILITY ARISING FROM ITS USE OF THE INFORMATION CONTAINED IN THIS DOCUMENT. HUBER ENGINEERED WOODS ASSUMES NO LIABILITY OR OBLIGATION FOR THE INFORMATION CONTAINED HEREIN. NO EXPRESS WARRANTIES ARE GIVEN EXCEPT FOR ANY APPLICABLE WRITTEN WARRANTIES SPECIFICALLY PROVIDED BY HUBER ENGINEERED WOODS FOR HUBER ENGINEERED WOODS PRODUCTS. HUBER ENGINEERED WOODS EXPRESSLY DISCLAIMS ANY IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

Contact Huber Engineered Woods technical department at 800-933-9220 Ext 2716 or at [techquestions@huber.com](mailto:techquestions@huber.com) with any questions or comments.