



FREQUENTLY ASKED QUESTIONS

The **ForceField® Weather Barrier System** from Georgia-Pacific consists of engineered wood sheathing panels with an enhanced overlay and accessories that provide a continuous air- and water-resistive barrier.

Once the ForceField Panels are installed on a structure and the panel seams are taped with ForceField® accessories such as ForceField Seam Tape or ForceField Seam Tape Plus, and rough openings are treated with Georgia-Pacific AT Flashing, it creates an integrated wall system that is recognized by APA as conforming to IBC, IRC, and IECC standards for a water-resistive barrier and air barrier. ForceField Weather Barrier System is an integrated wall system for residential or light commercial construction that eliminates the need for an additional water-resistive barrier.

When you eliminate the need for a separate barrier like house wrap, you remove a step from the building process that helps save you time and labor costs, which ultimately leads to a lower installed cost.

Q What are the available sizes of ForceField Panels and Seam Tape?

A	PANEL SIZES:			PANEL THICKNESSES:		SEAM TAPE:	SEAM TAPE PLUS:
	4 x 8 ft.	4 x 9 ft.	4 x 10 ft.	7/16 CAT	15/32 CAT	3 in. x 180 ft. rolls	3.5 in x 90 ft. rolls

Q Where are ForceField Panels manufactured?



Q How are ForceField Panels installed?

ForceField Panels are installed like standard OSB or plywood wall sheathing. Detailed instructions for ForceField Panel installation are available from your GP sales representative or by visiting gpforcefield.com.

For detailed instructions on general wall sheathing panel installation, please refer to the APA Engineered Wood Construction Guide, form no. E30, at gpforcefield.com or in the publication section of apawood.org.

Q How is ForceField Seam Tape installed?

Before the application of ForceField Seam Tape, ensure the sheathing surfaces are free from moisture, dirt and other debris that could impact tape adhesion.

Before installing tape, Georgia-Pacific recommends using a soft to medium bristle hand brush to wipe down the panel seam if there is sawdust or debris.

When applying tape, center it over the seam and apply firm pressure to the tape with your hand to ensure a continuous bond between the tape and the panel surface. Press with hand or a J-roller to eliminate any wrinkles and air bubbles.

Q Do we have to use ForceField Seam Tape or will any construction tape work?

ForceField Seam Tape was specifically developed for use with ForceField Panels. Use of any other construction tape for sealing seams on the ForceField Weather Barrier System will not be covered by Georgia-Pacific's limited warranty for the ForceField Weather Barrier System.

Q How do I seal around pipes for my faucets?

Tape around pipes on the exterior of the home using an approved flashing tape applied directly to the ForceField Panel.

Q

What are the advantages of ForceField Weather Barrier System?

A

ForceField Weather Barrier System is an all-in-one smarter sheathing system comprised of engineered wood sheathing panels with an enhanced overlay and accessories that provide a continuous air- and water-resistive barrier.

ForceField Weather Barrier System is an integrated wall system for residential or light commercial construction that eliminates the need for house wrap.

Installing ForceField Weather Barrier System is a simple two-step process—install the panels and then tape the seams.

Q

How do we handle overdriven fasteners that pierce the surface of the ForceField Weather Barrier System?

A

Fasteners should ideally be driven flush, and no more than 1/16" below the surface, of any wood sheathing panels, including ForceField Panels.

Overdriven fasteners could potentially affect the shear capacity of the sheathing panels and create a potential point of water entry if driven too far into the panel.

Georgia-Pacific recommends consulting APA Technical Topic No. TT-012B "Effect of Overdriven Fasteners on Shear Capacity" available at apawood.org.

If a fastener is driven more than 1/16" below the surface of a ForceField Panel, Georgia-Pacific recommends covering it with ForceField Seam Tape.

Q

What is the permeability rating of ForceField Panels?

A

ForceField Panels have a perm rating of **>2.75 perms per ASTM E96 Water Vapor Transmission** (Water Method).

Anything between **1-10 perm rating is considered vapor semi-permeable** and will allow water vapor to pass through.

Q

What warranty is available for ForceField Weather Barrier System?

A

For terms and conditions, please refer to Georgia-Pacific's 10 year transferable* limited warranty for ForceField Weather Barrier System available at warranty.gpforcefield.com.

*transferable to subsequent building owner only

Q

What is the R-Value of ForceField Panels?

A

ForceField Panel R-values:

7/16" - 0.51

15/32" - 0.62

19/32" - 0.74

Q

Do we have to tape around window openings?

A

Yes, the bottom of the rough opening and up the sides a minimum of six inches should be taped with an approved flashing tape.

After the window is set, the window flanges should be taped to the sheathing, leaving the bottom flange of the window un-taped.

Non-flanged windows should either be caulked with an approved sealant or a flange created around the window casing on site, which will then be taped to the ForceField Panel.



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