

Ultrafab's ultimate pile weatherseal for minimizing air and water infiltration

Tests indicate a 25% improvement in air infiltration compared to a single fin.

Ultrafab's unique ultrasonic welding assembles the fin, fibers and backing into an integrated, unified assembly that won't break apart during fabrication or while in use.



TRI FIN WEATHERSEAL FEATURES:

- Three pliable barrier fins integrated into an assembly with self-supporting pile and built-in "pile directors" that provide the ultimate seal in a pile and fin weatherseal
- Solid polypropylene backing inserts more easily, saving time and reducing waste
- Pile height and backing width are always uniform because of Ultrafab's unique ultrasonically welded manufacturing systems
- No possibility of an off-center pile that binds, breaks or stretches in an extrusion
- **Pile Heights:** .200" (5.08mm) to .430" (10.92mm)
- **Pile Densities:** Light, medium, high or very high
- **Backing Widths:** .180" (4.57mm), .187" (4.75mm), .200" (5.08mm), .210" (5.33mm), .229" (5.82mm), .250" (6.35mm), .270" (6.86mm), .310" (7.87mm)
- **Backing Options:**

Standard:	all backing widths
Ultra-Loc [®] :	S7 – .180" (4.57mm), .187" (4.75mm), .200" (5.08mm), .210" (5.33mm), .270" (6.86mm), .310" (7.87mm)
	S9 – .180" (4.57mm), .187" (4.75mm), .200" (5.08mm), .210" (5.33mm), .229" (5.82mm), .270" (6.86mm), .310" (7.87mm)
Ultra Grip [®] :	.180" (4.57mm), .187" (4.75mm), .200" (5.08mm), .229" (5.82mm), .255" (6.48mm), .270" (6.86mm)
- **Adhesive:** Available on .187", .270" and .310"
- **Colors:** Black, white, grey, beige, and brown

Need more fins or a softer fin? Ask about our Soft Touch Fin[®], Ultra Reach[®] Fin or Multi-Fin[®]

Placing an Order? See Part Ordering Specification Sheet



Tri-Fin is proven more effective in blocking air leakage.

In laboratory tests that compared Ultrafab's Tri-Fin to Ultrafab's single fin, the results showed that Ultrafab's Tri-Fin exhibited less air leakage than Ultrafab's single fin. Tri-Fin's air leakage tested 33.6% better than a single fin in a double hung window, 44.4% better in a horizontal slider, and 21.9% better in a sliding door.

WINDOW TEST RESULTS*

Procedure: Both Tri-Fin and single fin, of the same height and density, were tested in three applications. A double hung window, a horizontal slider window, and a sliding patio door were procured by Ultrafab for testing. After testing the units were placed in storage for further assessment, if needed.

Results:

Double hung window test

Air leakage @1.57 lbf/ft² double hung w/single fin brush seal: .280 CFM/ft²

Air leakage @1.57 lbf/ft² double hung w/Tri-Fin brush seal: .186 CFM/ft²

TRI-FIN TESTED 33.6% BETTER

Horizontal slider test

Air leakage @1.57 lbf/ft² horizontal slider w/single fin brush seal: .018 CFM/ft²

Air leakage @1.57 lbf/ft² horizontal slider w/Tri-Fin brush seal: .010 CFM/ft²

TRI-FIN TESTED 44.4% BETTER

Sliding door test

Air leakage @1.57 lbf/ft² sliding door w/single fin brush seal: .333 CFM/ft²

Air leakage @1.57 lbf/ft² sliding door w/Tri-Fin brush seal: .260 CFM/ft²

TRI-FIN TESTED 21.9% BETTER

AAMA standards state that the maximum rate for air filtration is .3 CFM/ft²

*Report number: UF-09-12; Report date: 4/14/2009; Test date: 1/1/2009 - 4/9/2009; Revision date: NA

For additional information, email: sales@ultrafab.com