

# Tri-Fin®

Minimizes air and water infiltration

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## Over 25% improvement in air infiltration compared to a single fin

### Three pliable barrier fins

Three **pliable barrier fins** integrated into an assembly with self-supporting pile dramatically improves overall performance.

### Improvement in air infiltration

Test have indicated a relevant **improvement in air infiltration** compared to a single fin.

### Easy insertion

Solid polypropylene backing inserts more easily, **saving time on the production line.**

### Centred pile

**No possibility of off-centre pile.**

### Uniform structure

**Tri-Fin®** weather seals have the structural integrity and consistency which assures a tight seal and **barrier against air and water infiltration.**

### Great Durability

Its structure guarantees its great durability, and a diminution of unions in the base, eliminating interruptions in the extrusion process on line.

### Silent fin

With our **silent fin**, it is not appreciated the noise when opening or closing a sliding window or door, improving the air and water leakage by means of laminated fin. This laminated fin has been developed exclusively by Tecseal,s.a.

### "Pile directors"

Built - in "pile directors" providing **the pile straight up** even in top high piles and **reducing the blooming effect.**



# Tri-Fin®



## Tri-Fin® weather seal choices

**PILE HEIGHTS:**  
from 4mm to 10mm

**PILE DENSITIES:**  
Medium, High

**STANDARD BASE WIDTHS:**  
from 4.8mm to 9mm

### TOLERANCES

**BASE WIDTH:**  
+0.05mm -0.2mm

**PILE HEIGHT:**  
+0.25mm -0.15mm

**BASE THICKNESS:**  
0.74mm ±0.1mm

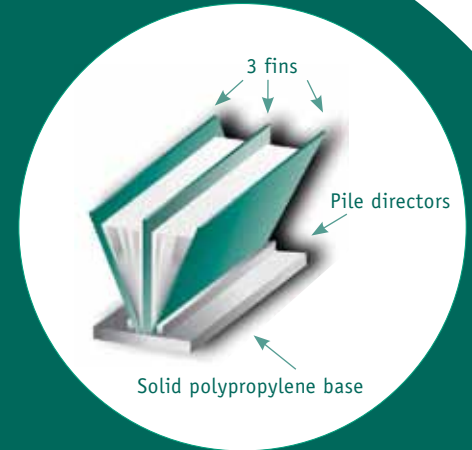
**PILE WIDTH:**  
1.5mm ±0.15mm

**FIN HEIGHT:**  
Until 1mm over pile height brush

**AVAILABLE WITH ADHESIVE BACKING**

**COLOURS:** BLACK, WHITE, GREY

BASES FROM 4.8mm TO 9.0mm		
HEIGHT mm	MTS. REEL	MTS. BOX
4.0	550	1100
4.5	550	1100
5.0	500	1000
5.5	500	1000
6.0	450	900
6.5	450	900
7.0	400	800
7.5	400	800
8.0	350	700
8.5	350	700
9.0	300	600
9.5	300	600
10.0	250	500

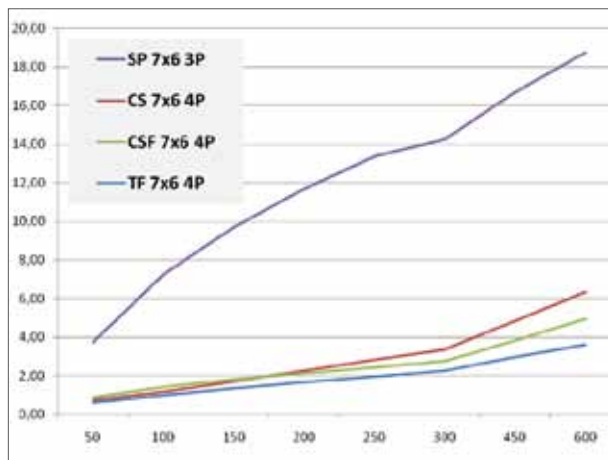


Patented process can weld multiple fins into a totally integrated product.



## Air leakage results per linear meter of pile weatherstripping

To calculate air leakage, 4 tests were carried out on the same window with 2 sliding panels (mod. Titanium CF31) whereby the pile weatherstripping was changed each time.



Window 1230(width) x 1450(height) at 600Pa:

**TRIFIN TF/7x6/4P** reduces air leakage by **26.7%** compared to CSF/7x6-4P

**TRIFIN TF/7x6/4P** reduces air leakage by **42.7%** compared to CS/7x6-4P

**TRIFIN TF/7x6/4P** reduces air leakage by **80.7%** compared to SP/7x6-3P

Tests were carried out in accordance with directive EN-12207 in the laboratories of company

**Applus<sup>+</sup>**

**Notice:** The buyer is responsible for its own testing, and Tecseal assumes no liability for its test procedures or results or any deficiency therein. The suitable use of the size of pile is extremely important to secure an optimal result, similar to the test done in Tecseal.

The set of elements related in the construction of a window is also significant to improve the air and water leakage of the window or door.