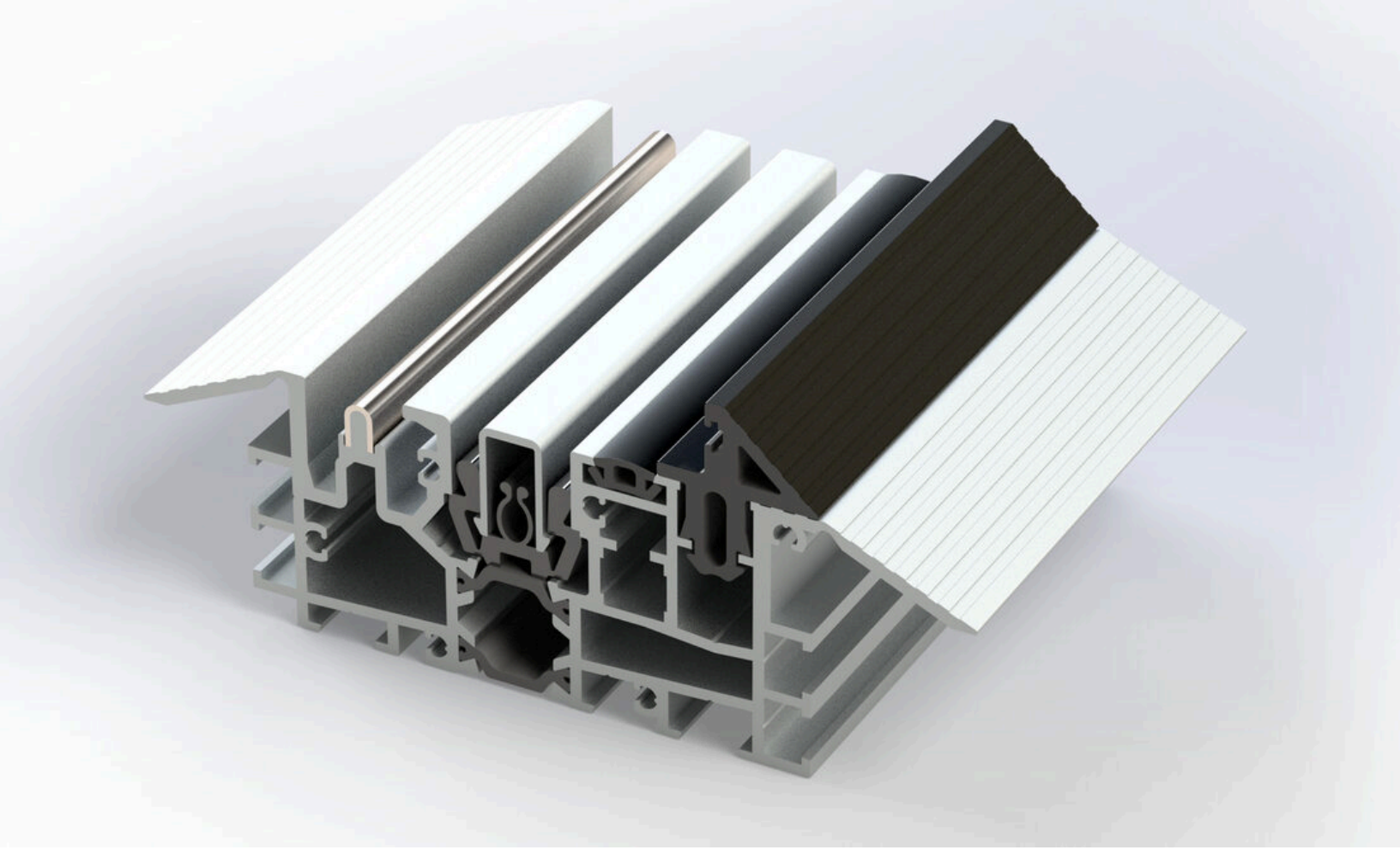


UniverSILL™

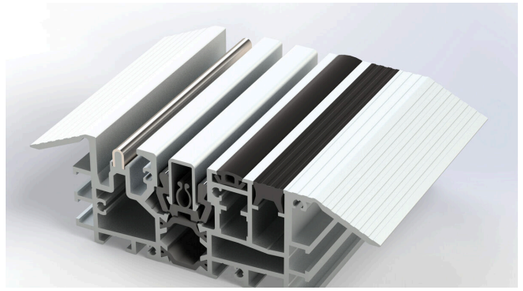
INSTALLATION GUIDE

NanaWall UniverSILL is a flexible sill insert that allows a fast, user installable weather performance upgrade of NanaWall low profile saddle sills. Its design replicates the innovative NanaWall Hybrid Sill, a cross between a raised sill and a low profile saddle sill, so when installed, UniverSILL offers near raised sill weather performance.

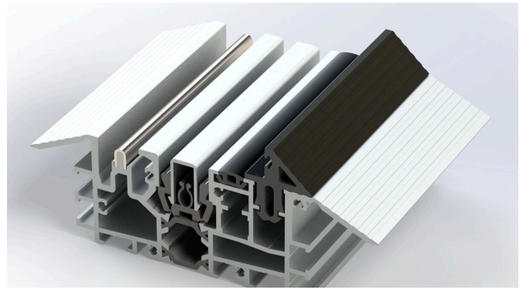
Install it when conditions call for increased resistance to water and air infiltration. Remove it to return to a smooth, barefoot friendly, ADA-compliant threshold. No tools required.

NanaWall®
Boundaries **Unbound**®

BEFORE & AFTER



Low Profile Saddle Sill
ADA compliant / low height



With UniverSILL Inserted
Same base low profile saddle sill with the UniverSILL insert installed

HOW DOES IT WORK?

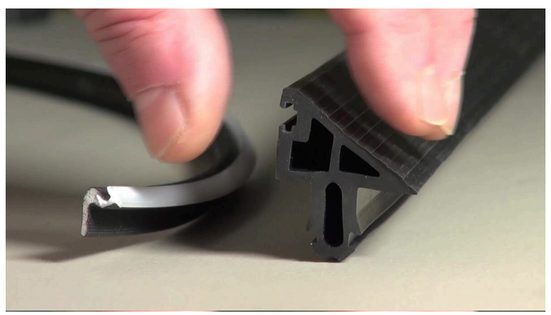
The flat ADA strip is removed from the inner channel of the NanaWall low profile saddle sill and the UniverSILL is inserted in its place. When the system is closed, UniverSILL provides continuous gasketing and compression for sealing the panels and frame on all four sides, giving your sill performance characteristics similar to those of the NanaWall Hybrid Sill.

WITH UNIVERSILL INSTALLED

- On-demand increased weather performance when panels are closed
- Increased resistance to water and air infiltration
- No effect on the smooth operation of the system

WITH UNIVERSILL REMOVED

- ADA-compliant, low height threshold
- Barefoot friendly, smooth transition between indoor and outdoor environments
- Nothing to trip over



WHAT'S INCLUDED

The UniverSILL insert consists of two parts that must be joined before installation:

- **EPDM rubber base**
- **Q-Lon foam weatherseal**

Installation takes just a few minutes and requires no tools. Simply replace the sill's existing ADA strip with the UniverSILL insert.

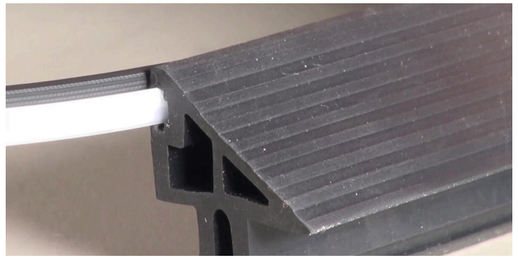
INSTALLING THE UNIVERSILL

Install UniverSILL whenever increased resistance to water and air infiltration is needed. No tools are required.



1 JOIN THE TWO PARTS

Insert the foot of the Q-Lon weatherseal into the channel in the EPDM rubber base.



2 FEED IT THROUGH

Feed the Q-Lon strip through the channel all the way to the other end of the base. **Tip:** trimming the leading end of the foot to a slight point makes it easier to start.



3 REMOVE THE ADA STRIP

Carefully pry up one end of the sill's existing black rubber ADA strip and pull it upward, out of the channel. Keep it for later use.



4 PRESS IN THE UNIVERSILL

Starting at one end, press the insert down into the channel and work toward the other end. You should feel it engage with the channel's inner profile.



5 FINISH THE END

As you near the end, reach forward and press the end into place first, then finish by pressing back in behind it.



6 CLOSE THE PANELS

That's all there is to it. UniverSILL has no effect on the smooth operation of the system and seals snugly when the panels are closed.

REMOVING THE UNIVERSILL

When conditions improve, regaining the convenience of your low profile sill is as easy as reversing the process, restoring the smooth transition between interior and exterior.



- Gently pull the UniverSILL up and out of the sill channel.
- Press the ADA strip back into place in the channel.
- Your sill is once again a smooth, ADA-compliant low profile threshold.
- Keep the UniverSILL on hand for the next time increased weather performance is needed.

UNIVERSILL PERFORMANCE CHARACTERISTICS

Tested results for outward opening units with the UniverSILL installed.

TYPE OF TEST	TEST PRESSURE	RESULT
Air Infiltration ASTM E-283, ft^3/min./ft. and NFRC 400	@ 1.57 psf (75 Pa)	0.04 cfm/ft (0.02 exfiltration)
	@ 6.24 psf (300 Pa)	0.07 cfm/ft
	Air leakage rating (Canada)	A3
Water Penetration ASTM E-547 and E-331	@ 7.5 psf (360 Pa)	**No uncontrolled water entry**

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