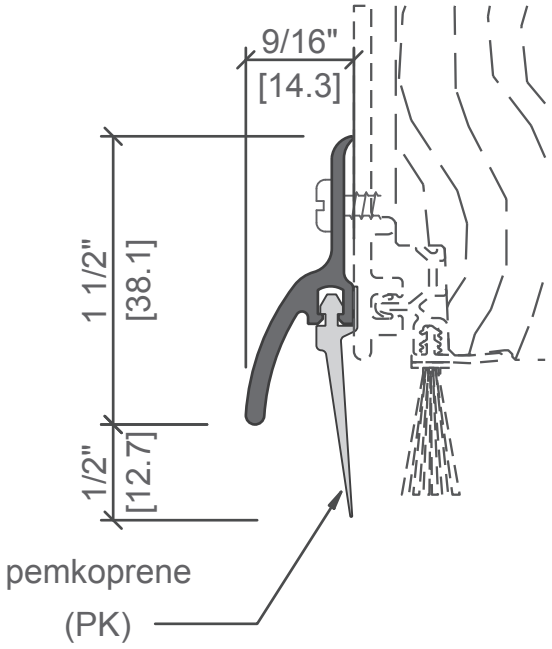
TECHNOTES

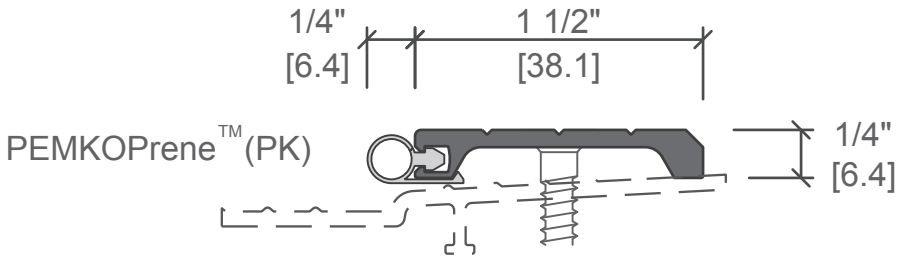
Improving Water Resistance on Commercial Outswing Doors with Low-Profile Sills

Below are a variety of options to address this issue; however, none have been tested and come with no guarantee of performance. These parts are provided and installed by others and are not covered by Pella product warranty.

PEMKO sweep with rain deflector. It gets installed at the exterior of the door as shown in the detail below.

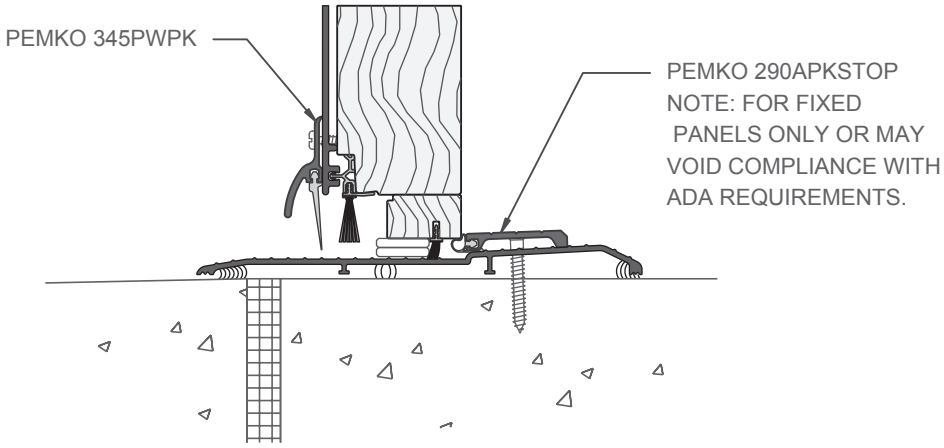


PEMKO interior stop. This gets sealed to the threshold on out-swing or fixed doors with low profile sills. When installed the door is no longer compliant with accessibility codes.



TECHNOTES

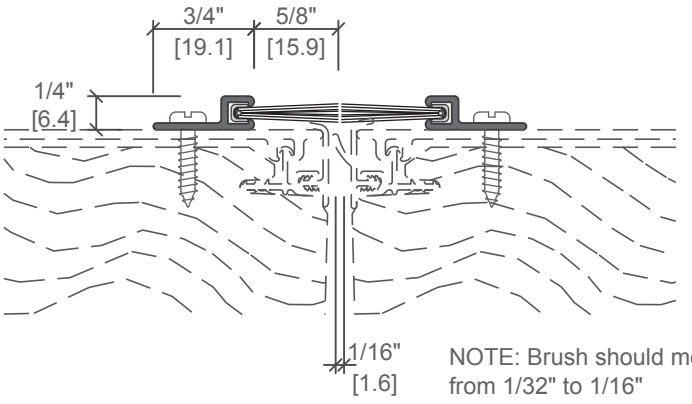
The following detail shows the sweep and stop installed on a door with low profile sill:



The following are some additional PEMKO weatherstrips available for doors.

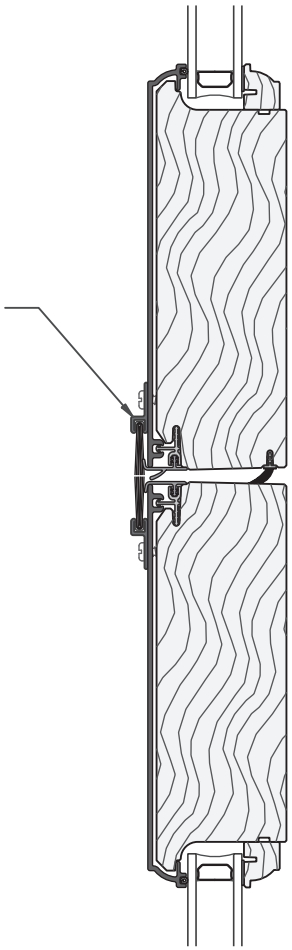
For the vertical joint at the panels:

PEMKO 18061_NB (MS) Brush Seal/Meeting Rail

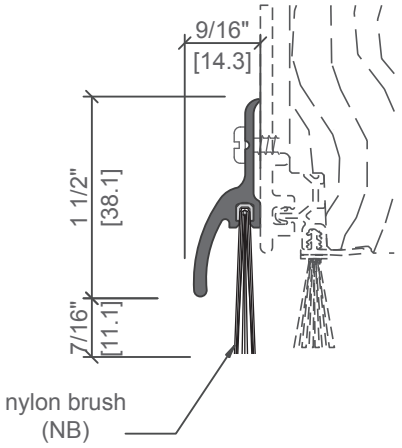


NOTE: Brush should mesh from 1/32" to 1/16"

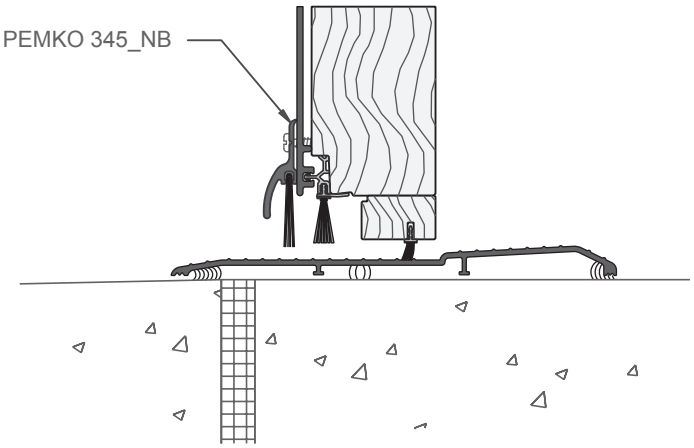
PEMKO 18061_NB(MS)

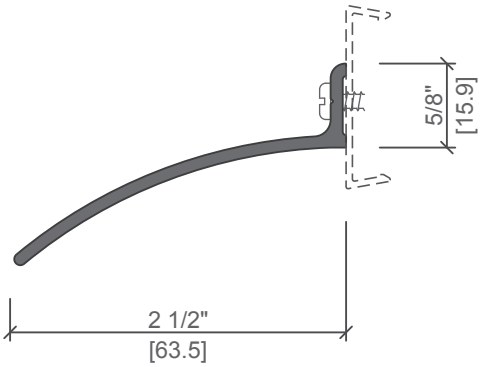


For the bottom of the panels:

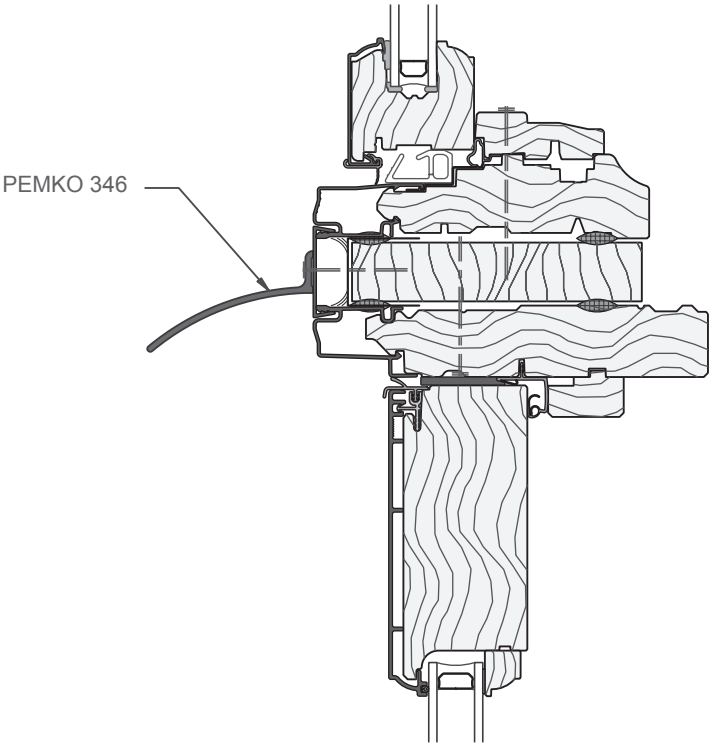


PEMKO 345_NB Brush Seal/Aluminum Retainer w/Rain Drip





PEMKO 346_ Door Top Weatherstrip



Historically this issue has at times been addressed in the design phase of a project and the use of trench drains have been employed.



This detail shows a method of installation like the photograph above. Use of both an interior and exterior trench drain would be considered more robust; however, an architect may determine the application requires the use of one trench drain only.

