RESIDENTIAL THRESHOLDS

CONTENTS:
Interlocking Thresholds ................................................................. 130
Threshold Caps ........................................................................ 130
Interlocking Thresholds - Water Return ...................................... 131
Hooks ....................................................................................... 131
Residential Thresholds - Water Return ....................................... 132
Adjustable Vinyl Top Thresholds .................................................. 132
Vinyl Top Thresholds .................................................................. 133
Residential Saddles ..................................................................... 133
Bumper Thresholds For Outswing Doors ..................................... 134
Squareback Thresholds ............................................................... 135
Oak Thresholds .......................................................................... 135-136
Sill Nosings ................................................................................ 136
Adjustable Aluminum Top Sills ..................................................... 137
Adjustable Oak Top Sills ............................................................... 138
Outswing Adjustable Oak Top Sills ............................................... 139
Residential All-Aluminum Adjustable Sills .................................. 139
Fixed Vinyl Sills, Narrow Top - 1-1/8" High ................................. 140
Fixed Vinyl Sills, Narrow Top - 1-1/4" High ................................. 140-141
Residential All-Aluminum Fixed Sills ......................................... 141
Extenders For All Sills ................................................................. 141
Outswing Fixed Bumper Sills - 1" High ....................................... 142
Bumper Thresho-Sills For Outswing Doors ................................ 142
Thresho-Sills ............................................................................. 143
Fabrication Options For Thresho-Sills ....................................... 144

INDEX:

<table>
<thead>
<tr>
<th>PRODUCT</th>
<th>PAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>61 ......</td>
<td>131</td>
</tr>
<tr>
<td>66 ......</td>
<td>131</td>
</tr>
<tr>
<td>67 ......</td>
<td>131</td>
</tr>
<tr>
<td>101 ......</td>
<td>130</td>
</tr>
<tr>
<td>107 ......</td>
<td>130</td>
</tr>
<tr>
<td>108 ......</td>
<td>130</td>
</tr>
<tr>
<td>110 ......</td>
<td>130</td>
</tr>
<tr>
<td>114 ......</td>
<td>130</td>
</tr>
<tr>
<td>115 ......</td>
<td>130</td>
</tr>
<tr>
<td>120 ......</td>
<td>130</td>
</tr>
<tr>
<td>121 ......</td>
<td>130</td>
</tr>
<tr>
<td>122 ......</td>
<td>130</td>
</tr>
<tr>
<td>136 ......</td>
<td>131</td>
</tr>
<tr>
<td>140_M ......</td>
<td>149</td>
</tr>
<tr>
<td>142 ......</td>
<td>131</td>
</tr>
<tr>
<td>145 ......</td>
<td>131</td>
</tr>
<tr>
<td>146 ......</td>
<td>131</td>
</tr>
<tr>
<td>147 ......</td>
<td>131</td>
</tr>
<tr>
<td>149 ......</td>
<td>134</td>
</tr>
<tr>
<td>153 ......</td>
<td>142</td>
</tr>
<tr>
<td>155 ......</td>
<td>134</td>
</tr>
<tr>
<td>160 ......</td>
<td>143</td>
</tr>
<tr>
<td>160_M ......</td>
<td>143</td>
</tr>
<tr>
<td>161 ......</td>
<td>143</td>
</tr>
<tr>
<td>161_M ......</td>
<td>143</td>
</tr>
<tr>
<td>163 ......</td>
<td>143</td>
</tr>
<tr>
<td>164 ......</td>
<td>143</td>
</tr>
<tr>
<td>165 ......</td>
<td>142</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PRODUCT</th>
<th>PAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>167 ......</td>
<td>143</td>
</tr>
<tr>
<td>203OAK ......</td>
<td>135</td>
</tr>
<tr>
<td>204OAK ......</td>
<td>135</td>
</tr>
<tr>
<td>206 ......</td>
<td>133</td>
</tr>
<tr>
<td>207 ......</td>
<td>133</td>
</tr>
<tr>
<td>208 ......</td>
<td>133</td>
</tr>
<tr>
<td>208OAK ......</td>
<td>135</td>
</tr>
<tr>
<td>212 ......</td>
<td>133</td>
</tr>
<tr>
<td>213 ......</td>
<td>132</td>
</tr>
<tr>
<td>214 ......</td>
<td>133</td>
</tr>
<tr>
<td>218 ......</td>
<td>133</td>
</tr>
<tr>
<td>218OAK ......</td>
<td>136</td>
</tr>
<tr>
<td>219 ......</td>
<td>133</td>
</tr>
<tr>
<td>219OAK ......</td>
<td>136</td>
</tr>
<tr>
<td>231 ......</td>
<td>133</td>
</tr>
<tr>
<td>233 ......</td>
<td>133</td>
</tr>
<tr>
<td>249 ......</td>
<td>132</td>
</tr>
<tr>
<td>250 ......</td>
<td>132</td>
</tr>
<tr>
<td>324 ......</td>
<td>136</td>
</tr>
<tr>
<td>326 ......</td>
<td>136</td>
</tr>
<tr>
<td>327 ......</td>
<td>136</td>
</tr>
<tr>
<td>2051 ......</td>
<td>134</td>
</tr>
<tr>
<td>2052 ......</td>
<td>135</td>
</tr>
<tr>
<td>2053 ......</td>
<td>135</td>
</tr>
<tr>
<td>2054 ......</td>
<td>135</td>
</tr>
<tr>
<td>2055 ......</td>
<td>135</td>
</tr>
<tr>
<td>2500W ......</td>
<td>136</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PRODUCT</th>
<th>PAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>2813 ......</td>
<td>132</td>
</tr>
<tr>
<td>3261 ......</td>
<td>136</td>
</tr>
<tr>
<td>8451 ......</td>
<td>142</td>
</tr>
<tr>
<td>8451OAk ......</td>
<td>142</td>
</tr>
<tr>
<td>8492 ......</td>
<td>142</td>
</tr>
<tr>
<td>74518 ......</td>
<td>139</td>
</tr>
<tr>
<td>75518 ......</td>
<td>139</td>
</tr>
<tr>
<td>84514 ......</td>
<td>141</td>
</tr>
<tr>
<td>85514 ......</td>
<td>141</td>
</tr>
<tr>
<td>93518 ......</td>
<td>138</td>
</tr>
<tr>
<td>94518 ......</td>
<td>137, 138</td>
</tr>
<tr>
<td>95518 ......</td>
<td>137, 138</td>
</tr>
<tr>
<td>EXT2 ......</td>
<td>141</td>
</tr>
<tr>
<td>EXT3 ......</td>
<td>141</td>
</tr>
<tr>
<td>EXT3/4 ......</td>
<td>141</td>
</tr>
<tr>
<td>N84514 ......</td>
<td>140</td>
</tr>
<tr>
<td>N84518 ......</td>
<td>140</td>
</tr>
<tr>
<td>N85514 ......</td>
<td>141</td>
</tr>
<tr>
<td>N85518 ......</td>
<td>140</td>
</tr>
<tr>
<td>OS95518 ......</td>
<td>139</td>
</tr>
<tr>
<td>Q107 ......</td>
<td>142</td>
</tr>
</tbody>
</table>
Interlocking Thresholds

- All interlocking thresholds (including water return types) and caps are furnished with #61 hooks and nails, but may be fitted with a variety of hooks, according to need.

114
AVAILABLE FINISHES: A, B, D, G

121
AVAILABLE FINISHES: A, D, G

110
AVAILABLE FINISHES: A, B, D, G

115
AVAILABLE FINISHES: A, D, G

120
AVAILABLE FINISHES: A, B, D, G

123
AVAILABLE FINISHES: B

Threshold Caps

- Typically mounted on an existing saddle type threshold to create an interlock with a J-hook or L-hook.

101
AVAILABLE FINISHES: A, B, BDG, D, G

107
AVAILABLE FINISHES: A, D, G

108
AVAILABLE FINISHES: B

NOTE: Products shown in this section may not be drawn to scale.

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)

A (Mill Finish Aluminum) • B (Mill Finish Extruded Bronze[Brass]) • BDG (Bright Dip Gold Anodized) • D (Dark Bronze Anodized) • G (Gold Anodized)
Interlocking Thresholds - Water Return

- Water return thresholds are designed to catch any water which may blow or run under the door and return it to the outside through interior weep holes, down the sloped drain pan, and out exterior weep holes. Product number for the aluminum water return pan is PAN.

### AVAILABLE FINISHES:
- A, D, G

#### 142
WEEP HOLE
PAN (available separately at an extra cost)
5 1/8" (123.8)

#### 145
WEEP HOLE
PAN (available separately at an extra cost)
4" (101.6)

#### 146
WEEP HOLE
PAN (available separately at an extra cost)
1 1/4" (31.8)

#### 147
WEEP HOLE
PAN (available separately at an extra cost)
1 1/2" (38.1)

#### 136
WEEP HOLE
PAN (available separately at an extra cost)
4 7/8" (101.6)

### Hooks
- When installed properly on bottom of door, hooks interlock with threshold for a superior seal.
- When substituting #66 or #67 hooks for #61 hooks, price will be increased accordingly. Contact Pemko Customer Service.

#### 66
AVAILABLE FINISHES:
- A, B, BDG, D, G

#### 61
AVAILABLE FINISHES:
- B, Z

#### 67
AVAILABLE FINISHES:
- A, D, G

**Note:** Products shown in this section may not be drawn to scale.

Note: B61 is roll form bronze metal.

**AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE**

A (Mill Finish Aluminum) • B (Mill Finish Extruded Bronze[Brass]) • BDG (Bright Dip Gold Anodized) • D (Dark Bronze Anodized) • G (Gold Anodized) • PW (Painted White) • SN (Satin Nickel Anodized) • For Hooks: • B (Bronze) • Z (Zinc)
Residential Thresholds - Water Return

- Water return thresholds are designed to catch any water which may blow or run under the door and return it to the outside through interior weep holes, down the sloped drain pan, and out exterior weep holes.
- Product number for aluminum water return pan is PAN.

213
AVAILABLE FINISHES: A, BDG, D, G, SN

2813
AVAILABLE FINISHES: A, BDG, D, G, SN

Adjustable Vinyl Top Thresholds

- Vinyl-top creates a seal at the bottom of the door, eliminating the need for door sweeps or door shoes.
- Furnished with vinyl (V) insert. Gray colored replacement vinyl is PV64GR (see Weatherization Products section).
- Pre-assembled for easy installation and adjustment.
- For use with inswing doors.

249_V
AVAILABLE FINISHES: A, BDG, D
AVAILABLE LENGTHS: 36", 72"

Only available in 36" and 72" lengths.
Gray colored replacement vinyl is PV64GR.

250_V
AVAILABLE FINISHES: A, BDG, D
AVAILABLE LENGTHS: 36", 72"

Only available in 36" and 72" lengths.
Gray colored replacement vinyl is PV64GR.

NOTE: Products shown in this section may not be drawn to scale.

▲ AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)

A (Mill Finish Aluminum) • BDG (Bright Dip Gold Anodized) • D (Dark Bronze Anodized) • G (Gold Anodized) • PW (Painted White) • SN (Satin Nickel Anodized)
Vinyl Top Thresholds

- Furnished with vinyl (V) insert. For replacement vinyl see Weatherization Products section.
- Used to seal the gap at the bottom of the door.
- Vinyl top creates a seal at the bottom of the door, eliminating the need for door sweeps or door shoes.

### AVAILABLE FINISHES:
- A, D, G

#### 206_V
Gray colored replacement vinyl is PV22GR36.

#### 207_V
Black colored replacement vinyl is PV22BL36.

### AVAILABLE FINISHES:
- A, D, G

#### 208_V
Gray colored replacement vinyl is PV13GR36.

### Residential Saddles

- Use a door bottom shoe or door bottom sweep in conjunction with these threshold options to effectively seal out the elements.
- Made of sturdy extruded aluminum.

#### AVAILABLE FINISHES:
- A, BDG, D, G, PW, SN

### AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)

- A (Mill Finish Aluminum) • BDG (Bright Dip Gold Anodized) • D (Dark Bronze Anodized) • G (Gold Anodized) • PW (Painted White) • SN (Satin Nickel Anodized)
**Bumper Thresholds For Outswing Doors**

- In the closed position, the door butts up to vinyl bumper on threshold creating a high dam barrier seal from the elements.

**149_T**
AVAILABLE FINISHES: A, BDG, D, G, PW, SN

**149_P**
AVAILABLE FINISHES: A, BDG, D, PW, SN

**149_V**
AVAILABLE FINISHES: A, BDG, D, G, PW, SN

**155_V**
AVAILABLE FINISHES: A, D, G

**205_T**
AVAILABLE FINISHES: A, D, G, PW

**205_P**
AVAILABLE FINISHES: A, D, PW

**205_V**
AVAILABLE FINISHES: A, D, G, PW

**2051_T**
AVAILABLE FINISHES: A, D, G, PW

**2051_P**
AVAILABLE FINISHES: A, D

**2051_V**
AVAILABLE FINISHES: A, D, G, PW

---

**NOTE:** Products shown in this section may not be drawn to scale.

▲ AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)

A (Mill Finish Aluminum) • BDG (Bright Dip Gold Anodized) • D (Dark Bronze Anodized) • G (Gold Anodized) • PW (Painted White) • SN (Satin Nickel Anodized)
### Squareback Thresholds
- Interior support leg flushes with interior jamb in application, allowing flooring to squarely abut threshold.
- Ideal for tall terra cotta, plush carpet or stone paver entry applications for smooth transition.
- Gently sloping and ribbed exterior ramp eliminates trip hazard while providing maximum rain guard. (Be sure to caulk all support legs or lay in mastic for best seal).
- Center support leg provides for engineered threshold stability.

#### AVAILABLE FINISHES
- 2052: A, D
- 2053: A, D
- 2054: A, D
- 2055: A, BDG, D

### Oak Thresholds
- Natural oak provides beauty as well as thermal qualities in the winter (unfinished).
- Vinyl-top creates a seal at bottom of door, eliminating the need for door sweeps or door shoes.
- Tan colored replacement vinyl for oak vinyl top thresholds is PV83TN (see Weatherization Products section).

#### AVAILABLE FINISHES & LENGTHS
- 203OAK: OAK, AVAILABLE LENGTHS: 36", 72"
- 204OAK: OAK, AVAILABLE LENGTHS: 36", 72"
- 208OAK: OAK, AVAILABLE LENGTHS: 36"

**NOTE:** Products shown in this section may not be drawn to scale.

### AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE
- A (Mill Finish Aluminum) • BDG (Bright Dip Gold Anodized) • D (Dark Bronze Anodized) • OAK (Natural Unfinished Oak) • SN (Satin Nickel Anodized)

---

[www.pemko.com]
Oak Thresholds (Cont.)

218OAK
AVAILABLE FINISHES: OAK
AVAILABLE LENGTHS: 36”, 72”

219OAK
AVAILABLE FINISHES: OAK
AVAILABLE LENGTHS: 36”, 72”

2500W
AVAILABLE FINISHES: W
AVAILABLE LENGTHS: 36”, 72”

Sill Nosings

- Used to cover concrete or wood sub-sill.
- Provides an attractive finished look to new and old door openings, covering defects in sub-sill.
- These stops will effect the pivot hole location of an assembly.
- Sill nosings held in place with mastic and pressure from threshold placement.

324
AVAILABLE FINISHES: A, B, BDG, D, G, PW, SN

326
AVAILABLE FINISHES: A, B, BDG, D, G, PW, SN

327
AVAILABLE FINISHES: A, BDG, D, G, PW, SN

NOTE: Products shown in this section may not be drawn to scale.

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)

A (Mill Finish Aluminum) • BDG (Bright Dip Gold Anodized) • D (Dark Bronze Anodized) • G (Gold Anodized) • OAK (Natural Unfinished Oak) • PW (Painted White) • SN (Satin Nickel Anodized) • W (Solid Oak)
RESIDENTIAL SILLS FOR PRE-HANGING

- Available in 5° bevels to accommodate most doors.
- Standard stock lengths are 32.5”, 36.5”, and 73.75” (NET). For non-standard sizes, call Pemko for a quotation.
- Wood components are treated with high quality water seal which protects/ preserves the wood and helps prevent discoloration.
- Sills for use with a standard 4-5/8” jamb width with easy snap on extenders for jambs as wide as 8-3/4”.
- Fabrication options for adjustable or fixed substrate sills, such as horning or sidelight mullion notching, please contact Pemko Customer Service for details. Specification drawings may be required. Price and availability by quotation.
- The following products are designed specifically for the pre-hung door market. They are furnished un-drilled and without screws or nails: 94518, 95518, 93518, N84518, N85518, N84514, N85514, N85518, OS95518, 74518, 75518, 84514, 85514, 8451, 8452 and EXT for jambs as wide as 8-3/4”.

How To Order Sills (Product Number Designations)

Example: **OS9|5|5|18|BDG|W|73.75|NT**

<table>
<thead>
<tr>
<th>Sill Type</th>
<th>Top Type</th>
<th>Width</th>
<th>Slope</th>
<th>Height</th>
<th>Finish</th>
<th>Top Material</th>
<th>Length</th>
<th>Trim</th>
</tr>
</thead>
<tbody>
<tr>
<td>OS Outswing Sill</td>
<td>8 Fixed Top</td>
<td>3-3/4” Length</td>
<td>5° slope</td>
<td>1” Height</td>
<td>A Mill Finish Aluminum</td>
<td>Ø Aluminum Top</td>
<td>32.5”</td>
<td>Ø Regular Trim</td>
</tr>
<tr>
<td>N Narrow Top</td>
<td>9 Adjustable Top</td>
<td>4-7/8” or 4-5/8” width</td>
<td>14 1-1/4” Height</td>
<td>BDG Bright Dip Gold</td>
<td>V Vinyl Top</td>
<td>36.5”</td>
<td>NT Narrow Trim</td>
<td></td>
</tr>
<tr>
<td>WR Water Return</td>
<td>5 Adjustable Top</td>
<td>5-3/4” or 5-1/2” width</td>
<td>18 1-1/8” Height</td>
<td>D Dark Bronze</td>
<td>W Oak (Wood) Top</td>
<td>73.75”</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Adjustable Aluminum Top Sills

- Adjustable up to 1/4” to compensate for uneven door bottoms and sub-sill level changes. Two-part zinc plated steel stud shoulder screw joins a long-barreled, zinc plated steel T-nut for superior stability and long-lasting reliability.
- Vinyl moisture barrier prevents water intrusion. Design of vinyl bulb configuration keeps constant pressure between aluminum cap and aluminum extrusion at any level of adjustment. (Bulb shown compressed.)
- Available in standard sizes 32.5”, 36.5”, and 73.75”.

94518

**AVAILABLE FINISHES: A, BDG, D, SN**

95518

**AVAILABLE FINISHES: A, BDG, D, SN**

NOTE: Products shown in this section may not be drawn to scale.

▲ **AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE** (see General Information section for finish chart)

A (Mill Finish Aluminum) • BDG (Bright Dip Gold Anodized) • D (Dark Bronze Anodized) • SN (Satin Nickel Anodized)
Adjustable Oak Top Sills

- Adjustable up to 1/4" to compensate for uneven door bottoms and sub-sill level changes. Two-part zinc plated steel stud shoulder screw joins a long-barreled, zinc plated steel T-nut for superior stability and long-lasting reliability.
- Vinyl moisture barrier prevents water intrusion. Design of vinyl bulb configuration keeps constant pressure between wood cap and aluminum extrusion at any level of adjustment (bulb shown compressed).
- Available in standard sizes 32.5", 36.5", and 73.75".

93518_W
AVAILABLE FINISHES: A, D

94518_W
AVAILABLE FINISHES: A, BDG, D, SN

95518_W
AVAILABLE FINISHES: A, BDG, D, SN

NOTE: Products shown in this section may not be drawn to scale.

▲ AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)

A (Mill Finish Aluminum) • BDG (Bright Dip Gold Anodized) • D (Dark Bronze Anodized) • SN (Satin Nickel Anodized)
**Outswing Adjustable Oak Top Sills**

- Adjustable up to 1/4" to compensate for uneven door bottoms. Two-part zinc plated steel stud shoulder screw joins a long-barreled, zinc plated steel T-nut for superior stability and long-lasting reliability.
- Vinyl moisture barrier prevents water intrusion. Design of vinyl bulb configuration keeps constant pressure between wood cap and aluminum extrusion at any level of adjustment (bulb shown compressed).

**OS95518_W**

**AVAILABLE FINISHES:** A, BDG, D

**Residential All-Aluminum Adjustable Sills**

**74518**

**AVAILABLE FINISHES:** A, BDG, D, SN

**Available with Optional Synthetic Wood Substrate**

**74518_SYN**

**AVAILABLE FINISHES:** A, BDG, D

**75518**

**AVAILABLE FINISHES:** A, BDG, D, SN

**Available with Optional Synthetic Wood Substrate**

**75518_SYN**

**AVAILABLE FINISHES:** A, D

**NOTE:** Products shown in this section may not be drawn to scale.

**AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE** (see General Information section for finish chart)

A (Mill Finish Aluminum) • BDG (Bright Dip Gold Anodized) • D (Dark Bronze Anodized) • SN (Satin Nickel Anodized)
Fixed Vinyl Sills, Narrow Top - 1-1/8" High

- Fixed rigid vinyl (V) cap includes new ratchet lock feature which prevents moisture penetration and securely fastens vinyl to aluminum extrusion.

N84518_V
AVAILABLE FINISHES: A, D, SN

Available Finishes: A, D

N85518_V
AVAILABLE FINISHES: A, D

Available Finishes: A, D, SN

Fixed Vinyl Sills, Narrow Top - 1-1/4" High

- Fixed rigid vinyl (V) cap includes new ratchet lock feature which prevents moisture penetration and securely fastens vinyl to aluminum extrusion.

N84514_V
AVAILABLE FINISHES: A, BDG, D, SN

NOTE: Products shown in this section may not be drawn to scale.

▲ AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)
A (Mill Finish Aluminum) • BDG (Bright Dip Gold Anodized) • D (Dark Bronze Anodized) • SN (Satin Nickel Anodized)
RESIDENTIAL SILLS FOR PRE-HANGING

- Fixed Vinyl Sills, Narrow Top - 1-1/4" High (Cont.)

**N85514_V**
AVAILABLE FINISHES: A, BDG, D

- Residential All-Aluminum Fixed Sills

**84514**
AVAILABLE FINISHES: A, BDG, D, SN

**85514**
AVAILABLE FINISHES: A, BDG, D, SN

- Extenders For All Sills

- Extenders fit all 5°, 4-7/8" wide, and 5-3/4" wide extrusions.

**EXT3/4**
AVAILABLE FINISHES: A, BDG, D, SN

**EXT2**
AVAILABLE FINISHES: A, BDG, D, SN

**EXT3**
AVAILABLE FINISHES: A, BDG, D, SN

NOTE: Products shown in this section may not be drawn to scale.

▲AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)

**A** (Mill Finish Aluminum) • **BDG** (Bright Dip Gold Anodized) • **D** (Dark Bronze Anodized) • **SN** (Satin Nickel Anodized)
**Residential Sills for Pre-Hanging**

### Outswing Fixed Bumper Sills - 1" High

- High dam design restricts water intrusion.
- Supplied with high quality Q-103 (Q) kerf-in-seal.
- Available in oak top or aluminum top as shown.
- Extendable to interior.

<table>
<thead>
<tr>
<th>Product Code</th>
<th>AVAILABLE FINISHES</th>
</tr>
</thead>
<tbody>
<tr>
<td>8451_Q</td>
<td>A, BDG, D, SN</td>
</tr>
<tr>
<td>8451OAK_Q</td>
<td>A, BDG, D</td>
</tr>
<tr>
<td>8452_Q</td>
<td>A, D, SN</td>
</tr>
<tr>
<td>8452_Q_SYN</td>
<td>A, D</td>
</tr>
</tbody>
</table>

**Available with Optional Synthetic Wood Substrate**

- Q107
  - AVAILABLE FINISHES: D, W
  - Available with 8451, 8451OAK, 8452 only upon request.

**Bumper Thresho-Sills For Outswing Doors**

- Please specify whether the part is to be used for a standard threshold or for a prehung application. For a standard threshold application, the part is supplied with 3 holes on center and 1/2" over net length (less than 48") and 1" over net length (48" and over). For a prehung application, the part is supplied according to fabrication options for thresho-sills - STYLE 4 only (see page 144).

<table>
<thead>
<tr>
<th>Product Code</th>
<th>AVAILABLE FINISHES</th>
</tr>
</thead>
<tbody>
<tr>
<td>165_T</td>
<td>A, D</td>
</tr>
<tr>
<td>165_V</td>
<td>A, D</td>
</tr>
<tr>
<td>153_T</td>
<td>A, BDG, D, G</td>
</tr>
<tr>
<td>153_V</td>
<td>A, BDG, D, G</td>
</tr>
</tbody>
</table>

**Allow 3/8" door clearance.**

**Available Accessories**

- ALTERNATE INSERT FOR 8451, 8451OAK, 8452
  - AVAILABLE FINISHES: D, W

**Available with Optional Synthetic Wood Substrate**

- Q107
  - AVAILABLE FINISHES: D, W

**NOTE:** Products shown in this section may not be drawn to scale.

**Available Finishes**

- A (Mill Finish Aluminum) • BDG (Bright Dip Gold Anodized) • D (Dark Bronze Anodized) • SN (Satin Nickel Anodized)
- Kerf Insert: D (Dark Brown) • W (White)
**Residential Sills for Pre-Hanging**

- The following products are designed specifically for the prehung door market.
- See fabrication options for thresho-sills (see page 144) for complete information and drawings regarding milling, drilling and notching.

### Available Finishes

- A (Mill Finish Aluminum)
- BDG (Bright Dip Gold Anodized)
- D (Dark Bronze Anodized)
- G (Gold Anodized)
- PW (Painted White)
- SN (Satin Nickel Anodized)

### Thresho-Sills

- **160**
  - AVAILABLE FINISHES: A, D, G, PW

- **160_M**
  - AVAILABLE FINISHES: A, BDG, D, G, PW, SN

- **161_M**
  - AVAILABLE FINISHES: A, BDG, D, G, PW, SN

- **163_M**
  - AVAILABLE FINISHES: A, BDG, D, G, PW, SN

- **164_M**
  - AVAILABLE FINISHES: A, BDG, D, G, PW

- **167**
  - AVAILABLE FINISHES: A, D, G

- **140_M**
  - AVAILABLE FINISHES: A, BDG, D, G, PW, SN

---

**NOTE:** Products shown in this section may not be drawn to scale.

**Available Finishes for Products Shown on This Page** (see General Information section for finish chart)

- A (Mill Finish Aluminum) • BDG (Bright Dip Gold Anodized) • D (Dark Bronze Anodized) • G (Gold Anodized) • PW (Painted White) • SN (Satin Nickel Anodized)
**Residential Thresholds**

**Fabrication Options For Thresho-Sills**

**STYLE 3A** *(standard mill)*
- Fabrication includes: 3/4" mill each end, 3 nail holes at each end, and one center screw.
- Preparation: Cut jamb 3/4" at angle and height of threshold. Nail threshold to underside of jamb.
- Ordering: Add 1-1/2" to net opening dimension and designate Style 3A by adding "M" following product number.
  (Example: A 160_M profile for a 36" net opening with a STYLE 3A fabrication = 160_MM37.5)

**STYLE 3B** *(modification of STYLE 3A)*
- Fabrication includes: 3/8" mill each end, 3 nail holes at each end, and one center screw.
- Preparation: Cut jamb 3/8" at angle and height of threshold. Nail threshold to underside of jamb.
- Ordering: Add 3/4" to net opening dimension and designate STYLE 3B by adding "M" following product number.
  (Example: A 160_M profile for a 36" net opening with a STYLE 3B fabrication = 160_MM36.75)

**STYLE 3C** *(modification of STYLE 3A)*
- Fabrication includes: 1/2" mill each end, 3 nail holes at each end, and one center screw.
- Preparation: Cut jamb 1/2" at angle and height of threshold. Nail threshold to underside of jamb.
- Ordering: Add 1" to net opening dimension and designate STYLE 3C by adding "M" following product number.
  (Example: A 160_M profile for a 36" net opening with a STYLE 3C fabrication = 160_MM37)

**STYLE 4**
- Fabrication includes: 2 nail holes at each end, and one center screw.
- Preparation: Rabbet stop to angle and height of threshold. Nail threshold to underside of stop.
- Ordering: Order net opening dimension and designate STYLE 4 by adding "H" following the product number.
  (Example: A 160_M profile for a 36" net opening with a STYLE 4 fabrication = 160_MH36)

**L-NOTCH**
Accommodates trim molding by notching corner of product.
- Fabrication: Customer must supply diagram indicating location and dimensions of L-NOTCH (see drawing).
- Pemko Customer Service can provide form to fill in location and dimensions.
- Ordering: Specify “L-NOTCH”. After fabrication, orders are non-cancellable and non-returnable.

**U-NOTCH**
For use with pre-installed door frames, to “drop-in” around door frame stops.
- Fabrication: Customers must supply diagram indicating location and dimensions of U-NOTCH cut-out.
- Pemko Customer Service can provide form to fill in location and dimensions.
- Ordering: Specify “U-NOTCH”. After fabrication, orders are non-cancellable and non-returnable.

**Screw Location**
- Standard thresho-sill center screw is located on the slope.
- Non-standard thresho-sill center screw is located on the top of the sill. Specify “thresho-sills on top”.

---

**PEMKO ASSA ABLOY**

VENTURA, CA USA  PH. 800.283.9988  MEMPHIS, TN USA  PH. 800.824.3018

VANCOUVER, BC CANADA  PH. 877.535.7888  TORONTO, ON CANADA  PH. 866.243.9816

RT-16