

# Brio 97HSA Self Draining Sill

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Required Hardware anodizing color not specified, items included in kits denoted with \*

Available kits:

- 97HSA-\_20
- 97HSA-\_30
- 97HSA-\_40
- 97HSA-\_60

\*97HS57 Aluminum Extrusion  
 2, 3, 4 and 6m lengths supplied

\*94P Polypropylene Channel  
 2, 3, 4, and 6m lengths supplied

97SR Rebate for 44.5[1.75] Panels  
 not supplied in kits  
 available in 2, 3, 4, and 6m

\*97EC End Caps  
 1 set supplied per kit

Assembled Sill

wood not supplied

## Preparing Wood Saddle and Rebate dimensions in mm[inches]

97HSA Preparation

Notch 97HS57  
 each end  
 $N = JT - 3[0.12]$

FIXED REBATE

3[0.12]

W

JT

Cut 97HS57 & 94P to length =  $W + 2(JT) - 6[0.24]$   
 Cut 97SR to length = W

W = Opening width between jambs  
 JT = Jamb Thickness

Cutting Wood Saddle

XT1 and XT2 decided by installer

7.5 [0.30]

13.4 [0.53]

20.9 [0.83]

T1A

19.1 [0.75]

XT1

6.4 [0.25]

T1B

System Details

JW

PT

6[0.24]

T1A

52.7 [2.08]

T2

31.8 [1.25]

121.6 [4.79]

JW = Jamb Width  
 PT = Panel Thickness either 44.5[1.75] or 57.2[2.25]

For 57.2[2.25] panels do not use 97SR and use rebate T1B

Cut to length = W

11.9 [0.47]

XT2

25.4 [1.00]

31.8 [1.25]

T2

3.9 [0.15]

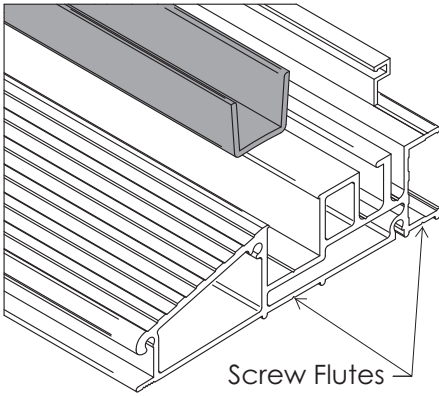
11.9 [0.47]

Cut to length =  $W + 2(JT) - 6[0.24]$

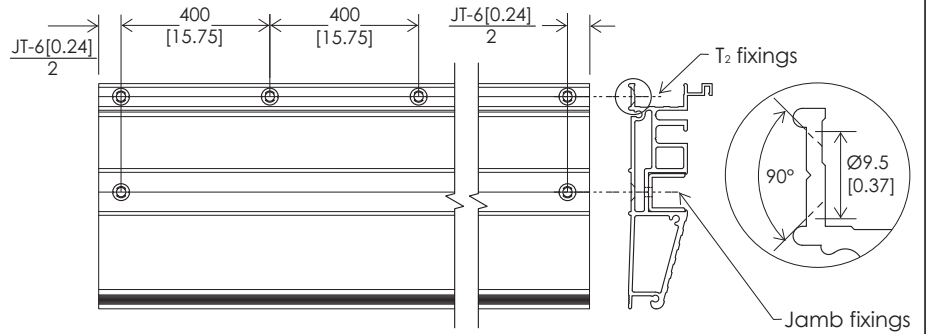
Seal AQ21 can be purchased from Brio for the full perimeter seal

# Preparing Sill Base

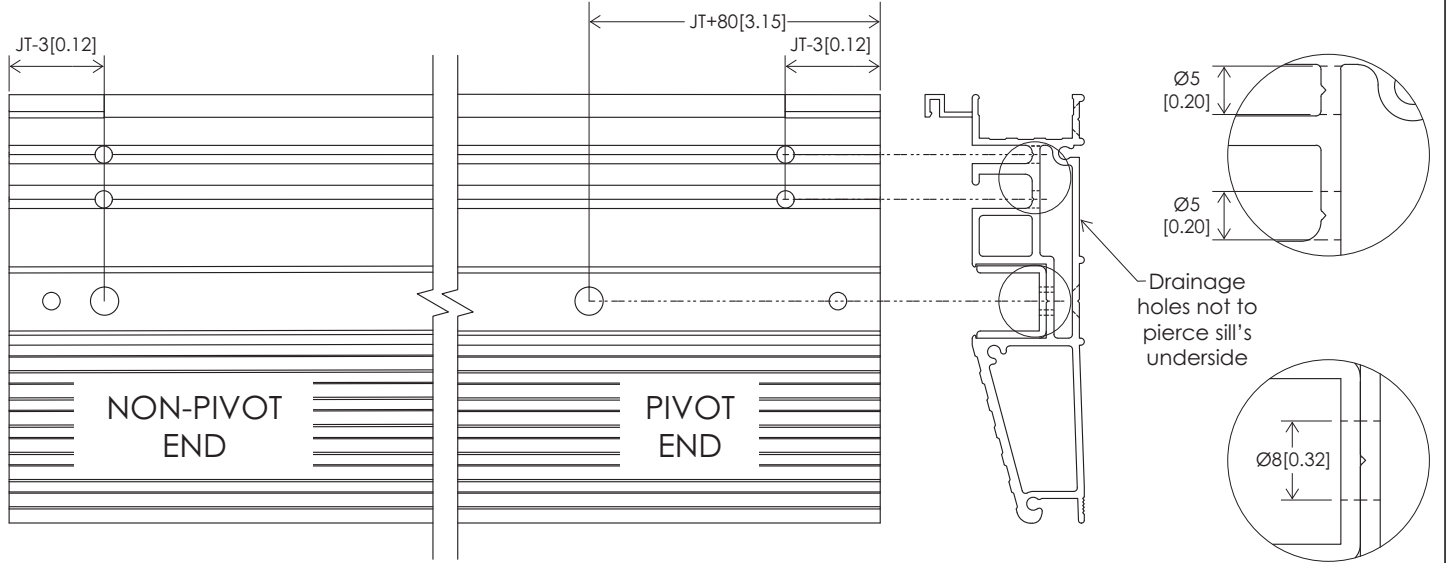
Insert 94P into 97HS57



Drill hole  $\varnothing 9.5[0.37] \times 90^\circ$  at either end of sill for jamb fixings.  
Fixing holes for wood T<sub>2</sub> placed at 400[15.75] intervals ( $\varnothing 9.5[0.37] \times 90^\circ$ )

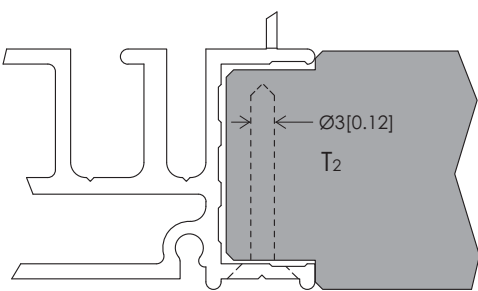


Drill drainage hole through 94P and 97HS57  $\varnothing 8[0.32]$  and 2 holes through flush bolt recesses  $\varnothing 5[0.20]$  each end



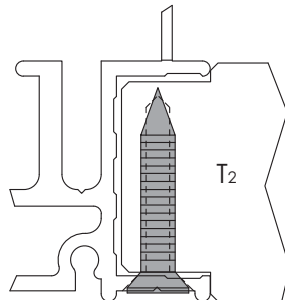
# Assembling Sill use construction adhesives and sealants where recommended

Apply adhesive to 97HS57's grooves and attach wood T<sub>2</sub>



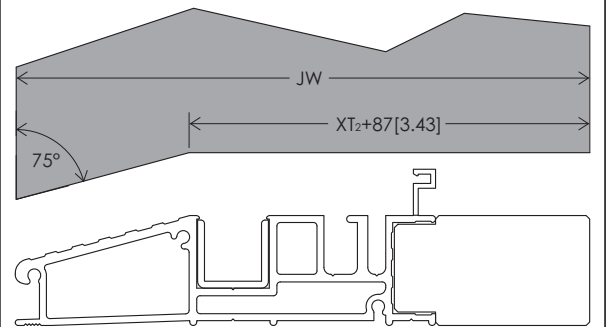
Drill  $\varnothing 3[0.12]$  to match fixing holes

Screw fix wood T<sub>2</sub> to 97HS57



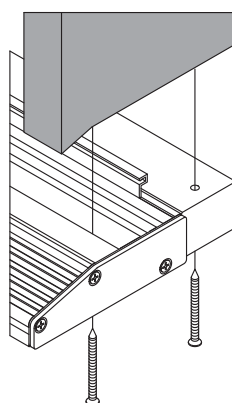
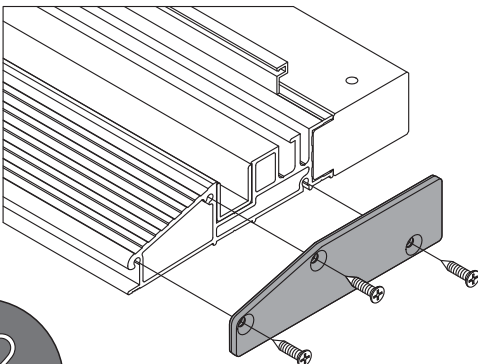
8G x 19[0.75] Screws

Shape Jamb to match profile of 97HS57



Drill  $\varnothing 3[0.12]$  to match jamb fixing holes

Attach 97EC - screws supplied



Frame can then be fixed to opening on-site

Wood T<sub>1</sub> pinned in place last

