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**SERIES 3000 THERMAL MULTIPLANE STOREFRONT**

2" X 4-1/2" / 1" GLAZING / FRONT SET SSG

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Series 3000 Thermal MultiPlane Storefront - Front Set SSG
2" x 4-1/2" w/ 1" Glazing - Elevation
Series 3000 - Thermal MultiPlane - Front Set SSG
Intermediate Horizontal - H4161

1" GLAZING ON HP-17
SETTING BLOCK

FG-3000-PP-53 FUNNEL
BRIDGE @ SSG
VERTICAL MULLION

FG-3335 FACE CAP
SEAL ENDS @ JAMBS

FG-3290
GLASS STOP

FG-1133 TYP.

NOTCH LEG OF GASKET
@ FUNNEL BRIDGE

FG-3334
HORIZONTAL

FG-3000-FP-30 SHEAR BLOCK
ATTACH TO HORIZONTAL W/ FS-55
(#10 X 1/2" PPH), ATTACH TO
VERTICAL W/ FS-9 (#14 X 1-1/2" HH)
FS-8 (#14 X 1" HH SLOTTED) ASS'Y SCREW TYP., REAR FS-8 @ JAMB ONLY

SHIM, BACKER ROD & SEALANT (BY OTHERS)

ANCHOR BOLT (BY OTHERS)

FG-2122 ALUM. FILLER
4" LONG @ ANCHORS, RUN FG-2188 VINYL FILLER BETWEEN (OPTIONAL)

1/4" MIN. W/ FG-3223 SUBSILL
3/8" MIN. W/ FG-3413 SUBSILL

D.L.O.
2"

NOTCH VERTICAL @ CAPTURED MULLIONS

2"

1" GLAZING

FG-3436 HEAD

FG-3290 GLASS STOP

FG-1133 TYP.

4 1/2"

Access Hole

Glass Stop

Series 3000 - Thermal MultiPlane - Front Set SSG
Head - H4162

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H4162-Head
Series 3000 - Thermal MultiPlane - Front Set SSG
Head at Captured Corner - H4165

FG-2122 ALUM. FILLER
4" LONG @ ANCHORS, RUN FG-2188
VINYL FILLER BETWEEN (OPTIONAL)

SHIM, BACKER
ROD & SEALANT
(BY OTHERS)

ANCHOR BOLT
(BY OTHERS)

FG-3436 HEAD

1" GLAZING

ACCESS
HOLE

FG-3000-FP-55 SHEAR
BLOCK
ATTACH TO HEAD W/ FS-55 (#10 X 1/2" PPH),
ATTACH TO VERTICAL W/ FS-9 (#14 X 1-1/2" HH)

FG-3290 GLASS STOP

FG-1133 TYP.

4 1/2"

1/4" MIN. W/ FG-3223 SUBSILL
3/8" MIN. W/ FG-3413 SUBSILL

FG-3000-FP-55 SHEAR
BLOCK
ATTACH TO HEAD W/ FS-55 (#10 X 1/2" PPH),
ATTACH TO VERTICAL W/ FS-9 (#14 X 1-1/2" HH)
FG-3000-FP-27 ANCHOR ATTACH TO SILL W/ FS-6 (#10 X 3/4" PPH), LOCATE NOT MORE THAN 4" FROM EACH SIDE OF MULLION

CONT. SEAL (BY OTHERS)

FG-3223 SILL FLASHING

FG-3000-FP-27 ANCHOR ATTACH TO SILL W/ FS-6 (#10 X 3/4" PPH), LOCATE NOT MORE THAN 4" FROM EACH SIDE OF MULLION

FS-8 (#14 X 1" HH SLOTTED) ASS'Y SCREW TYP., REAR FS-8 @ JAMB ONLY

Series 3000 - Thermal MultiPlane - Front Set SSG

Sill - H4168

FG-1133 TYP.

1" GLAZING ON FG-3278 SETTING BLOCK (2) PER D.L.O.

FG-3280 SILL

5/16" WEEP @ 1/4 PTS

2"

1/4" WEEP LOCATE @ MID-LITE

SHIM, BACKER ROD & SEALANT (BY OTHERS)

ANCHOR BOLT, CAP SEALED (BY OTHERS)

3/8"
FG-3280 SILL

1" GLAZING ON FG-3278
SETTING BLOCK
(2) PER D.L.O.

5/16" WEEP
@ 1/4 PTS

1/2"

3/8"

5/16" WEEP
LOCATE @
MID-LITE

SHIM, BACKER
ROD & SEALANT
(BY OTHERS)

ANCHOR BOLT,
CAP SEALED
(BY OTHERS)

FS-8 (#14 X 1" HH SLOTTED)
ASS'Y SCREW TYP., REAR
FS-8 @ JAMB ONLY

CONT. SEAL
(BY OTHERS)

FG-3413 SILL FLASHING

FG-3000-FP-78 END DAM
ATTACH TO SILL FLASHING
W/ (2) FS-320 DRIVE PINS

Series 3000 - Thermal MultiPlane - Front Set SSG
Sill - H4169

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H4169-Sill-at-SSG-Vert-Option
Series 3000 - Thermal MultiPlane - Front Set SSG
Head / Sill Splice & End Dam - H4171

Note: Ref installation manual for additional splice & end dam info.
Series 3000 - Thermal MultiPlane - Front Set
135° Outside Corner - V4110

FG-3300 (BOTH SIDES)

1" GLAZING

CONT. SEAL (BY OTHERS)

FS-6 (#10 X 3/4" PPH)

SEE HORIZ. VIEW FOR WATER DIVERTER INFO

FS-8 (#14 X 1" HH SLOTTED) ASS'Y SCREW TYP.

CONT. SEAL (BY OTHERS)

2 1/4"

D.L.O.

4 1/2"
Series 3000 - Thermal MultiPlane - Front Set
90° Outside Corner - V4111

FG-3301

FG-1133
TYP.

FS-8 (#14 x 1" HH SLOTTED) ASS'Y SCREW TYP.

SEE HORIZ. VIEW FOR WATER DIVERTER INFO

1" GLAZING

D.L.O.

5"

4 1/2"

1/2"

5"

D.L.O.
Series 3000 - Thermal MultiPlane - Front Set
135° Inside Corner - V4114

- FG-3305: Filler
- Access Holes
- FS-6 (#10 X 3/4" PPH)
- FS-8 (#14 X 1" HH SLOTTED) ASS'Y SCREW TYP.
- 1" GLAZING
- SEE HORIZ. VIEW FOR WATER DIVERTER INFO
- FG-3303
- FG-1133 TYP.
- CONT. SEAL (BY OTHERS)
- D.L.O.
- 1 1/4"
- 3 1/8"
- 4 1/2"

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Series 3000 - Thermal MultiPlane - Front Set SSG
Jamb - V4162

FG-3280 JAMB

SEE HORIZ. VIEW FOR SHEAR BLOCK INFO

FG-1133 TYP.

1" GLAZING

2" D.L.O.

FG-3000-FP-4 END CAP
SET IN SEALANT

FG-3000-FP-56 END DAM
@ SILL GLAZING POCKET.
SET IN SEALANT (SEALANT BY OTHERS)

ANCHOR BOLT
(BY OTHERS)

BACKER ROD & SEALANT
(BY OTHERS)

FG-2122 ALUM. FILLER
4" LONG @ ANCHORS,
RUN OPTIONAL FG-2188
VINYL FILLER BETWEEN

FG-2122 ALUM. FILLER
4" LONG @ ANCHORS,
RUN OPTIONAL FG-2188
VINYL FILLER BETWEEN

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Series 3000 - Thermal MultiPlane - Front Set SSG
Captured Vertical - V4165

- FG-3437
- RS-2 STEEL REINF. AS REQ'D
- SEE HORIZ. VIEW FOR SHEAR BLOCK INFO
- FG-1133 TYP.
- 1" GLAZING
- FG-1000-FP-2 WATER DIVERTER SET IN SEALANT
- D.L.O. 2" D.L.O.
RS-6 STEEL REINF. AS REQ'D
ATTACH W/ FS-259 @ 24" O.C.

FG-3333 MULLION
ATTACH TO HEAD & SILL W/ FS-8
(1/4"-14 X 1" HH SLOTTED)

SEE HORIZ. VIEW FOR
SHEAR BLOCK INFO

HP-30066
SPACER GASKET
& STRUCTURAL
SILICONE

FG-3000-PP-53
FUNNEL BRIDGE
SET IN SEALANT

1" GLAZING

1/2" BACKER ROD & SEALANT
(BY OTHERS)

2" 2"

Series 3000 - Thermal MultiPlane - Front Set SSG
SSG Vertical - V4168

FG-3000-PP-53
FUNNEL BRIDGE
SET IN SEALANT

1" GLAZING

1/2" BACKER ROD & SEALANT
(BY OTHERS)

2" 2"