# StormMax™ HR-251 - 2-1/2” x 7-1/2” - Insulating Laminated Glazing - Single and Twin Span

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*(Drawing numbers ie V8242 used as CAD detail reference only)*

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MODEL: Elev-StormMax-HR-251-SGL

StormMax™ 2 1/2" X 7 1/2" HURRICANE RESISTANT CURTAIN WALL

LAMINATED INSULATING GLAZING

WET GLAZED SHOWN - DRY GLAZED OPTIONAL

NOTE: FOR SPECIFIC PRODUCT APPLICATIONS CONTACT AN OLDCASTLE BUILDING ENVELOPE ™ REPRESENTATIVE

Single Span
MODEL: Elev-StormMax-HR-251-Twn
StormMax™ 2 1/2" X 7 1/2" HURRICANE RESISTANT CURTAIN WALL
LAMINATED INSULATING GLAZING
WET GLAZED SHOWN - DRY GLAZED OPTIONAL

NOTE: FOR SPECIFIC PRODUCT APPLICATIONS CONTACT AN OLDCASTLE BUILDING ENVELOPE™ REPRESENTATIVE

Phone: 1-866-OLDCASTLE (653-2278)
Web Address: www.oldcastlebe.com
StormMax Curtain Wall
Anchors-at-Single-Span - H8145
StormMax Curtain Wall
Anchors-at-Twin-Span - H8147
Corner Mullion Splices - H8149

StormMax™ - Curtain Wall

HP-FP-29 SPLICE

HR-FP-21 SPLICE

Seal and Tool Joint

Center Line at Splice

FS-8 Stop Screw
StormMax™ - Curtain Wall
SSG-Mullion Splice - H8150

CENTER LINE AT SPLICE

SEAL AND TOOL JOINT

FS-8 STOP SCREW

CW-1999

HR-FP-30 SPLICE

STOP SCREW

3 3/4" 1/2" 3 3/4"
WELD AS REQUIRED BY INSTALLER

HOLE IN ANCHOR AT DEAD LOAD
SLOT IN ANCHOR AT WIND LOAD

STEEL ANCHOR

PLAN VIEW

Mullion

ANCHOR BOLT (BY OTHERS)

1/16" NYLON SLIPPAD
BY INSTALLER

TAP PLATE W/TAPPED HOLES
FOR ANCHOR BOLT

ANCHOR BOLT (BY OTHERS)

SIDE VIEW

FLOOR SLAB

Plan View

Jamb

StormMax™ - Curtain Wall
Steel Anchor @ Floor Slab - H8151
Steel Anchor @ Floor Slab - H8152

Plan View - 90° Corner

1/16" NYLON SLIPPAD BY INSTALLER

ANCHOR BOLT (BY OTHERS)

WELD AS REQUIRED BY INSTALLER

HOLE IN ANCHOR AT DEAD LOAD
SLOT IN ANCHOR AT WIND LOAD

Side View

FLOOR SLAB

StormMax™ - Curtain Wall
Steel Anchor @ Floor Slab - H8152
ANCHOR BOLT
AND FACE CAP BEYOND
SEAL TOP OF MULL
AND FACE CAP BEYOND
BACKER ROD & SEALANT
(BY OTHERS)
SHIMS (BY OTHERS)
ANCHOR BOLT
(BY OTHERS)

#12-14 X 1" HWH "TEK"
ZG-60 PRESSURE PLATE
GP-118 EXTERIOR GASKET
CW-6H ISOLATOR. FIELD
ATTACH WITH FS-322
@ 12" O.C.

GP-103 GASKET
CW-2024 HEAD
CW-1998 HEAD TRIM
FG-5185 SPACER GASKET & DOW 995 SEALANT
GP-118 EXTERIOR GASKET
CW-2 FACE CAP & ZG-60 PRESSURE PLATE
WITH SHOP INSTALLED CW-6H ISOLATOR. FIELD
ATTACH WITH FS-322 #12-14 X 1" HWH "TEK"
@ 12" O.C.

LAMINATED INSULATING
GLASS

7 1/2" (NOM.)

StormMax™ HR-251 - Wet Glazed
Head - H8241

Dry Glazed Option

GP-118 EXTERIOR GASKET
GP-1015 INTERIOR GASKET
 Anchor at verticals

Backer rod & sealant (by others)

Seal top of mull and face cap beyond

3/4"

2 1/2"

7 1/2" (nom.)

Laminated insulating glass

FG-5185 spacer gasket & Dow 995 sealant

CW-2 face cap & ZG-60 pressure plate with shop installed CW-6H isolator. Field attach with FS-322 #12-14 x 1" HWH "TEK" @ 12" O.C.

GP-118 exterior gasket

Dry glazed option

StormMax™ HR-251 - Wet Glazed

Head - H8241T
CW-2 FACE CAP & ZG-60 PRESSURE PLATE WITH SHOP INSTALLED CW-6H ISOLATOR, FIELD ATTACH WITH FS-322 #12-14 X 1" HWH "TEK" @ 12" O.C.

LAMINATED INSULATING GLASS
CW-118 EXTERIOR GASKET
FG-5185 SPACER GASKET & DOW 995 STRUCTURAL SILICONE

StormMax™ HR-251 - Wet Glazed
Horizontal - H8242

Dry Glazed Option
CW-6H ISOLATOR, FIELD
CW-2024 SILL
GP-118 EXTERIOR GASKET
FG-5185 SPACER GASKET & DOW 995 STRUCTURAL SILICONE
Sill - H8243

Dry Glazed Option

GP-118 EXTERIOR GASKET
GP-1015 INTERIOR GASKET

LAMINATED INSULATING GLASS
GP-118 EXTERIOR GASKET
FG-5185 SPACER GASKET & DOW 995 STRUCTURAL SILICONE
CW-1998 SILL TRIM
CW-2024 SILL
CW-2102 SETTING BLOCK
HR-FP-4 MULLION END CAP

Backer Rod / Sealant (By Others)
Anchor Bolt (By Others)
Shims (By Others)

CW-2 FACE CAP & ZG-60 PRESSURE PLATE WITH SHOP INSTALLED CW-6H ISOLATOR, FIELD ATTACH WITH FS-322 #12-14 X 1" HWH "TEK" @ 12" O.C.

#12-14 X 1" HWH "TEK"
ATTACH WITH FS-322

2 1/2" GP-103 GASKET

StormMax™ HR-251 - Wet Glazed
Sill - H8243
CW-709 FACE CAP & CW-2722 PRESSURE PLATE WITH SHOP INSTALLED CW-6H ISOLATOR. FIELD ATTACH WITH FS-322 #12-14 X 1" HWH "TEK" @ 12" O.C.

- LAMINATED INSULATING GLASS
- GP-118 EXTERIOR GASKET
- FG-5185 SPACER GASKET & DOW 995 STRUCTURAL SILICONE

CW-2720 EXPANSION HORIZONTAL TOP HALF

CW-2721 EXPANSION HORIZONTAL BOTTOM HALF

GP-118 EXTERIOR GASKET
GP-1015 INTERIOR GASKET

Dry Glazed Option

StormMax™ HR-251 - Wet Glazed
Expansion Horizontal - H8244
StormMax™ HR-251- Curtain Wall
Mullion Splices - H8248

- Center line at splice
- Center line face cap JT.
- Seal top of pressure plate to mull
- Seal top of face cap to pressure plate
- FS-8 stop screw
- Seal and tool joint

Phone: 1-866-OLDCASTLE (653-2278)
Web Address: www.oldcastlebe.com
StormMax™ HR-251- Curtain Wall
Mullion Splice - H8249
StormMax™ HR-251 - Wet Glazed
Standard Jamb - V8242

1/2"
2 1/2"

CW-1996 FILLER
CW-2023 JAMB

ANCHOR BOLT
(BY OTHERS)

FS-8 #14 X 1" HHSTS ASS'Y SCREW (TYP)

FG-5185 SPACER GASKET & DOW 995 STRUCTURAL SILICONE
HR-FP-4 JAMB END CAP

LAMINATED INSULATING GLASS
CW-691 POCKET FILLER
ATTACH WITH FS-322
GP-103 PERIMETER GASKET

GP-118 EXTERIOR GASKET
GP-1015 INTERIOR GASKET

Dry Glazed Option

CW-2 FACE CAP & ZG-60 PRESSURE PLATE WITH SHOP INSTALLED CW-6H ISOLATOR, FIELD ATTACH WITH FS-322 #12-14 X 1" HWH "TEK" @ 12" O.C.

Backer rod/sealant and shims (by others)
**FS-7** TWO @ HORIZONTALS AND 12" O.C. BETWEEN HORIZONTALS

**ANCHOR OPTION 2**

**FS-8 #14 X 1" HHSTS ASS'Y SCREW (TYP)**

**HR-FP-5 JAMB END CAP**

**INSULATING LAMINATED GLASS**

**Dry Glazed Option**

**StroMMax™ HR-251 - Wet Glazed**

**Optional Jamb - V8244**

**CW-2002** TWO PIECE JAMB MALE HALF & **CW-2026** TWO PIECE JAMB FEMALE HALF

**CW-2002** TWO PIECE JAMB MALE HALF

**CW-2026** TWO PIECE JAMB FEMALE HALF

**GP-118 EXTERIOR GASKET**

**GP-1015 INTERIOR GASKET**

**GP-118 EXTERIOR GASKET**

**GP-103 PERIMETER GASKET**

**CW-2 FACE CAP & ZG-60 PRESSURE PLATE**

WITH SHOP INSTALLED CW-6H ISOLATOR, FIELD ATTACH WITH FS-322 #12-14 X 1" HWH "TEK" @ 12" O.C.

**BACKER ROD/SEALANT AND SHIMS (BY OTHERS)**

**1/2"**

**2 1/2"**
StormMax™ HR-251 - Wet Glazed
Standard Mullion with Steel- V8249

LOCATE @ HD/SILL & INTERMEDIATE HORIZONTALS

RS-25 STEEL REINF
CW-2023 MULLION

LOCATE @ HD/SILL & INTERMEDIATE HORIZONTALS

CW-1996 FILLER

GP-118 EXTERIOR GASKET
GP-1015 INTERIOR GASKET

Dry Glazed Option

HR-FP-4 MULL CAP
INSULATING LAMINATED GLASS

GP-118 EXTERIOR GASKET

CW-2 FACE CAP & ZG-60 PRESSURE PLATE
WITH SHOP INSTALLED CW-6H ISOLATOR, FIELD
ATTACH WITH FS-322 #12-14 X 1" HWH "TEK"
@ 12" O.C.
StormMax™ HR-251 - Wet Glazed
Standard Mullion with Heavy Steel- V8250

CW-2023 MULLION
CW-1996 FILLER
RS-25
RS-16
RS-17
LOCATE @ HD/SILL & INTERMEDIATE HORIZONTALS
LOCATE @ INTERMEDIATE HORIZONTALS
FS-8 #14 X 1" HHSTS ASSY SCREW (TYP)
HR-FP-4 MULL CAP
INSULATING LAMINATED GLASS
GP-118 EXTERIOR GASKET
GP-1015 INTERIOR GASKET
Dry Glazed Option

GP-118 EXTERIOR GASKET

CW-2 FACE CAP & ZG-60 PRESSURE PLATE
WITH SHOP INSTALLED CW-6H ISOLATOR, FIELD
ATTACH WITH FS-322 #12-14 X 1" HWH "TEK"
@ 12" O.C.

Phone: 1-866-OLDCASTLE (653-2278)
Web Address: www.oldcastlebe.com
CW-1996 FILLER

ASS'Y SCREW (TYP)
FS-8 #14 X 1" HHSTS ASSY SCREW (TYP)

GP-118 EXTERIOR GASKET

HR-FP-4 MULLION CAP

INSULATING LAMINATED GLASS

GS-1015 INTERIOR GASKET

Dry Glazed Option

StormMax™ HR-251 - Wet Glazed

Heavy Mullion - V8252

CW-2 FACE CAP & ZG-60 PRESSURE PLATE
WITH SHOP INSTALLED CW-6H ISOLATOR, FIELD
ATTACH WITH FS-322 #12-14 X 1" HWH "TEK"
@ 12" O.C.
CW-1999 SSG MULLION

CW-1996 FILLER

FS-8 #14 X 1" HHSTS ASS'Y SCREW (TYP)

FG-5185 SPACER GASKET & DOW 995 STRUCTURAL SILICONE

INSULATING LAMINATED GLASS

DOW 995 STRUCTURAL SILICONE

1" 1/2" 1"

2 1/2"

StormMax™ HR-251 - Wet Glazed

SSG Mullion - V8257

Phone: 1-866-OLDCASTLE (653-2278)
Web Address: www.oldcastlebe.com
StormMax™ HR-251 - Wet Glazed
SSG Mull with Steel - V8258