Hy-Lite
A U.S. BLOCK WINDOWS COMPANY

Hy-Lite block radius walls install in about 1 to 1-1/2 hours.

A) Carefully remove the wall from the skid and then remove the plywood reinforcing which is used to ensure that the wall does not flex during shipping.

B) Securely fasten the mounting channel to a fixed wall.

C) Fasten the flat cap to the floor, or for a radius shower wall, to the curb.

D) Swing wall down at an angle while sliding it into the mounting channel. Then locate the wall over the flat cap and press firmly down to snap into place.

E) Add radius or flat cap to trim off wall. Note: For a radius wall the radius or flat cap is factory cut (mitered) to fit the shape of your wall. Each piece will be approximately 6" or 8" long depending on weather you have purchased a wall with 6" or 8" block. Note that each piece is numbered in the factory and the top of the wall frame is numbered with matching numbers. To ensure that the mitered joints fit snugly be sure to match up the numbers when installing the flat or radius cap on a radius wall.

F) If being used for a shower wall, caulk the wall at the base and at the mounting channel.

A)

Radius Wall

Pallete

Remove plywood cap.

Nuts

All-thread (cut to fit flush)

Remove plywood base.

All-thread (cut to fit flush)

Nuts

B)

Mounting Channel

Mark outline guides positions for baselines and mounting channel.

Curb/Dam

C)

Drill flat caps and position to outlines.

Round caps

Mounting Channel

Flat caps

E)

Finish top and edges with round cap or flat cap trim accessories. Each piece is numbered so you may snap into place in proper order.

D)

Slide into the mounting channel and settle wall on top of flat caps.

F)

Work the flat caps up into the radius wall. Caulk along base as needed.

Hy-Lite block straight walls install in about 1 hour.

1) Carefully remove the wall from the skid and then remove the plywood reinforcing which is used to ensure that the wall does not flex during shipping.

2) Securely fasten the mounting channel to a fixed wall.

3) Fasten the flat cap to the floor.

4) Swing wall down at an angle while sliding it into the mounting channel. Then locate the wall over the flat cap and press firmly down to snap into place.

5) Add radius cap (shown) or flat cap to trim off wall.

6) If being used for a shower wall, caulk the wall at the base and at the mounting channel.

1, 2, 3, 4)

Radius Cap

Mounting Channel

Flat Cap

5, 6)

Radius Cap

Radius Cap or End Cap

Flat Cap
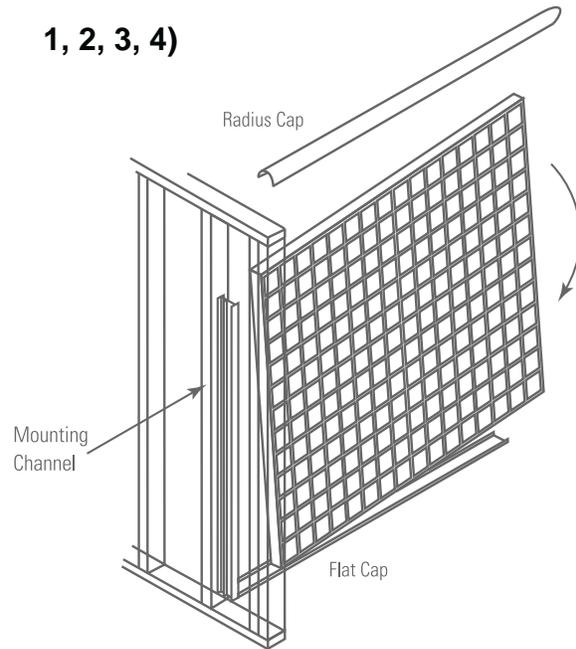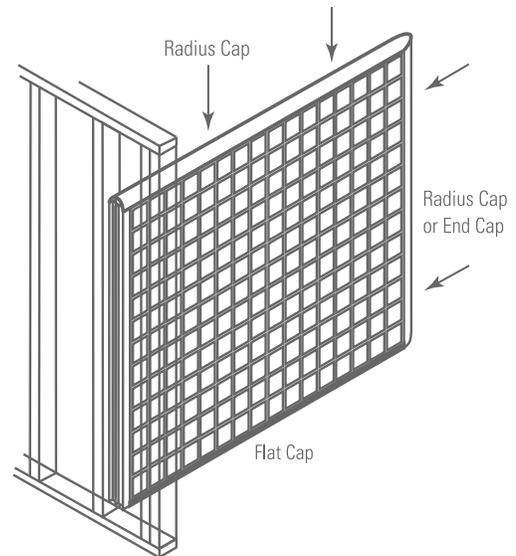
Wall Accessory Applications
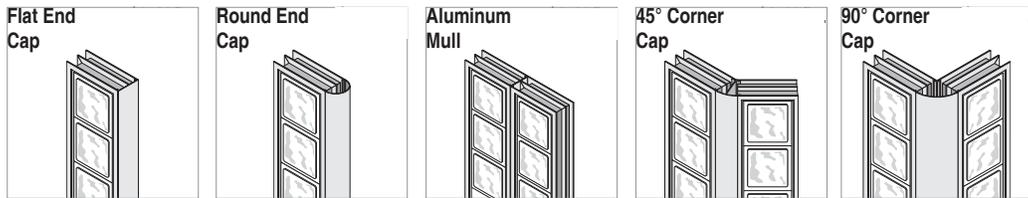
Flat End Cap	Round End Cap	Aluminum Mull	45° Corner Cap	90° Corner Cap

Wall Accessory Cuts

Butt Cuts

Flat cap to flat cap.

Miter Cuts

Flat cap to flat cap.

Sculpture Cut

Round cap to flat cap.

Sculpture/Miter Cut

Flat Cap

Miter Cut
—or—
Butt Cut

Flat Cap

Round Cap

Miter Cut ONLY

Round Cap

Flat or Round Cap

Miter Cut ONLY

Flat Cap or Round Cap
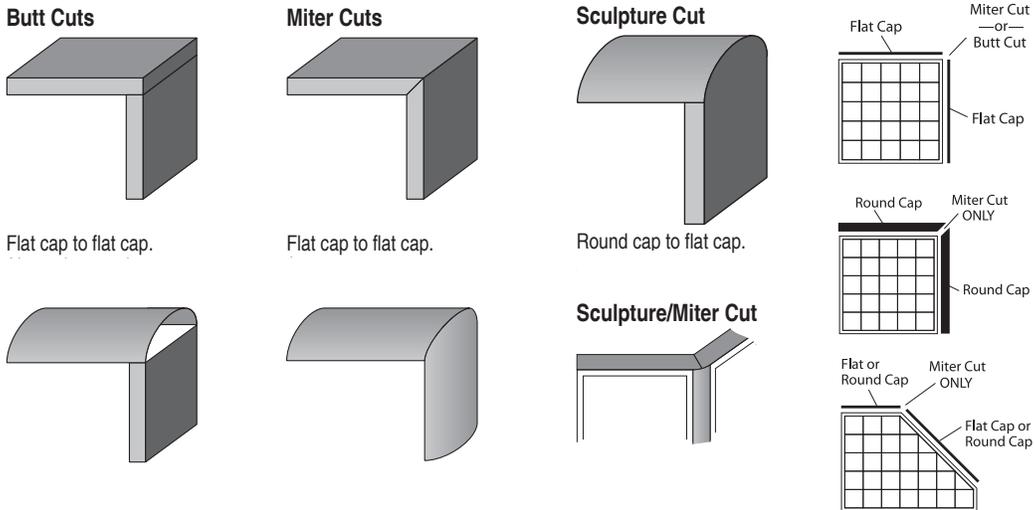
Aluminum	Frame Dimensions					
Frame Series	A	B	C	D	E	F
625/825	2-1/4"	2"	N/A	N/A	5/8"	3/4"
600/800	2-1/4"	2"	N/A	N/A	5/8"	3/4"

A = Overall Frame Depth
B = Glazing Thickness
C = Nail Fin Offset
D = Flange / J-Channel Width
E = Exterior Jamb Thickness
F = Interior Jamb Thickness
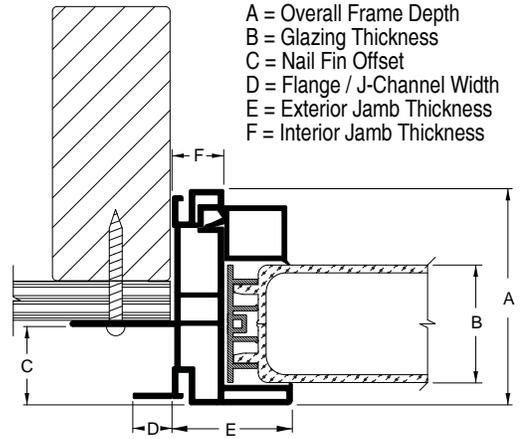
625/825 Aluminum for 2" thick blocks
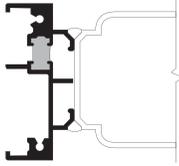
600/800 Aluminum for 3" thick blocks
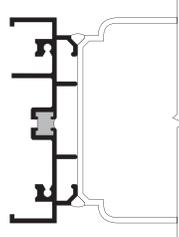
Flat Cap for 2" Thick Blocks
Flat cap can be used to finish off the end of a panel or partition, or to mount wall partitions.
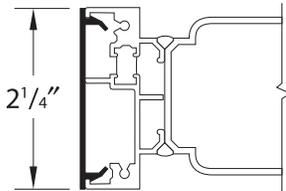
Flat Cap for 3" Thick Blocks
Flat cap can be used to finish off the end of a panel or partition, or to mount wall partitions.
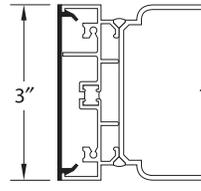
Round Cap for 2" Thick Blocks
Round cap can be used on the end of a panel or partition for a bullnose finish.
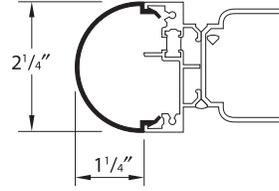
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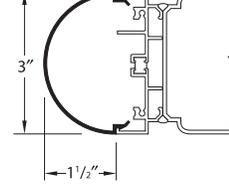
45° Corner Cap for 2" Thick Blocks
The 45° Corner Cap is used to snap together two panels at 45° angles.
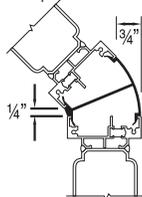
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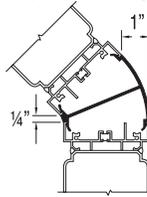
90° Corner Cap for 2" Thick Blocks
The 90° Corner Cap is used to snap together two panels at a 90° angle.
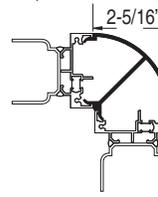
90° Corner Cap for 3" Thick Blocks
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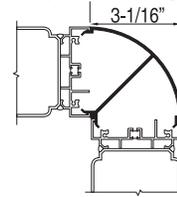
Mounting Channel for 2" Thick Blocks
Used to mount acrylic block wall panels to non-plumb walls.
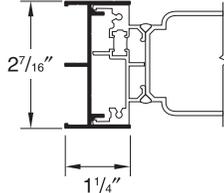
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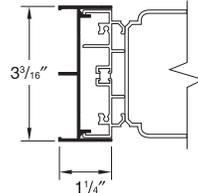
**Trim Union for 2" Thick Blocks**
Used to join two accessory caps together.
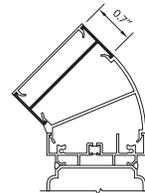
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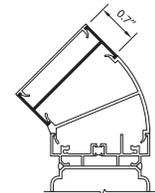
Aluminum Mull for 2" Thick Blocks
Joins two panels together.
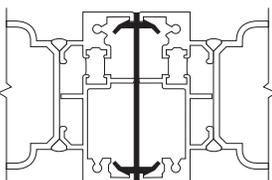
Aluminum Mull for 3" Thick Blocks
Joins two panels together.