

PRODUCT DATA SHEET

BASIC USE

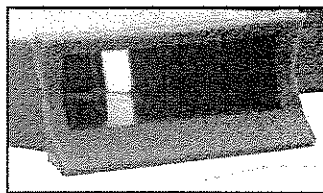
Sandell's Blok-Flash is an embeddable flashing unit used in exterior single wythe CMU construction. Created from a high density polyethylene material, this product consists of a .0625" thick flashing pan, attached to a concave rectangular weep spout with a 45° drip edge. It collects moisture that infiltrates block walls through vertical cores, and dynamically redirects it to the exterior of the structure effortlessly. The unique design of the flashing pan, bridge unit and concave weep spout, allows condensation to dissipate properly, as it secures the structures integrity and existence. Sandell's Blok-Flash assists proper drainage and should be used at all flashing and weep hole locations, at the base of walls, above door and window openings, above bond beams, in parapet walls, and in basements.

TECHNICAL DATA

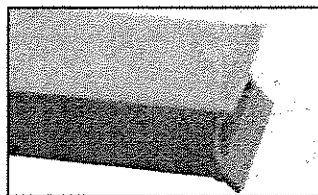
Sandell's Blok-Flash is a high-density polyethylene composition molded into a .0625" thick flashing pan with .3125" perimeter flanges. The .0625" concave weep spout has a .20" x .64" width and a 45° drip edge that extends 1.0" from the outer flange. The inner and outer flanges are spaced to allow for 1.0" of mortar bond between the upper and lower course of C.M.U. in 8", 10", or 12" wall systems. The weep spout ceiling extends 3.5" from the outer flange into the center of the pan and acts to suspend mortar, keeping the weep channel clear. Sandell's Blok-Flash is impervious to water and includes chemical stabilizers to protect against UV degradation.

BENEFITS

- Can be used with all 8", 10", and 12" exterior block wall applications.
- Eliminates the need for using multiple sizes of architectural C.M.U.
- Reduces thermal break, helping to maintain the walls R-value insulation integrity.
- 45° drip edge deflects moisture away from the wall system completely.
- Concave weep spout for easy tooling.
- Light weight and compact.

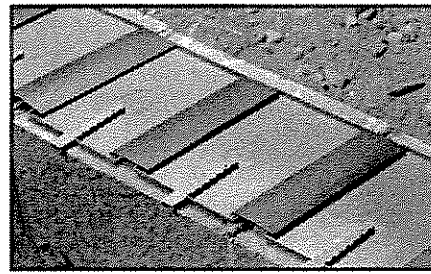


45° Drip Edge



Concave Weep Spout

INSTALLATION



Lay the course(s) of block below the desired flashing level until above grade. This step can be eliminated if Sandell's Blok-Flash is already on an above grade, formed concrete foundation. Begin installing Sandell's Blok-Flash, by

spacing two units on each block, or evenly along a formed concrete foundation or slab. The drip edge on the weep spout should extend slightly beyond the exterior face of the block unit. Distance a continuous row of the flashing pans, by installing Sandell's Blok-Flash bridge units between each pan. These bridges units will secure the system, and serve to channel traveling water into the adjoining pans. If the walls are reinforced, eliminate Sandell's Blok-Flash unit and adjoining bridges at the grouted core. Cross-bed the webs adjacent to the core to be grouted, making sure to overlap Sandell's Blok-Flash flange. This method will prevent grout from spreading beyond the intended core. Utilize standard mortar spreading techniques with the mortar being lapped, first over the inner, and then over the outer flanges of Sandell's Blok-Flash units. This method will stabilize the system during installation and later will help divert moisture to the exterior of the structure.

To reduce clogging from mortar and grout droppings, install a 2" to 3" layer of pea stone into the core cavity, above Sandell's Blok-Flash locations. By suspending the mortar droppings and/or loose fill insulation in the core, moisture is free to flow down the inside face of the block into Sandell's Blok-Flash. The loose fill insulation that is poured into the lifts will prevent mortar and grout droppings from clogging the core cavities at all levels of the wall. All head and bed joints should be tooled to remove any obstructions from the weep spouts as well. Sandell's Blok-Flash will perform best when it is used in conjunction with a water repellent in the C.M.U. and mortar. This application will reduce bridging and promote the downward migration of moisture into the unit. This installation method applies to both insulated and non-insulated walls.

STANDARD SIZES	Model US-8	Model US-10	Model US-12
C.M.U. Type	8" (7-5/8")	10" (9-5/8")	12" (11-5/8")
Height	.3125" (7.94 mm)	.3125" (7.94 mm)	.3125" (7.94 mm)
Width	5.625" (142.88 mm)	7.625" (193.68 mm)	9.625" (244.48 mm)
Length	6.75" (171.45 mm)	6.75" (171.45 mm)	6.75" (171.45 mm)

Units Per Carton (all models): 100 w/Bridge

Mid-Wall Bond-Beam

