ILLINOIS PRODUCTS CORPORATION

THE IPCO FLASH

Issue 10
August 2007

IPCO wants to know...

Are YOU smarter than a 5th grader?!

Questions from actual 5th grade tests… good luck!

1) If you begin with a one digit integer, multiply by 3, add 8, divide by 2 and subtract 6, you will get the integer back. Find the number.

2) If a vertex of a regular pentagon is connected to every other vertex, how many triangles are formed?

3) In plant cells, chloroplasts—
a) act as the cell's control center;
b) enable plant cells to produce their own food
c) allow materials to move into and out of the cell
d) support and protect the cell

4) Below the equilibrium line of glaciers there is a region of melting, evaporation & sublimination. Name this zone.

(Answers on the back)

The IPCO Mascot, Basil the Bricky

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EXTRA! EXTRA! READ ALL ABOUT IT!

The New IPCO "Extra-Wide" Drip Edge

Flashing intersections made easier

You are familiar with the scenario—the roof flashing and the thru-wall flashing have to work together, but the mason and the roofer won't. The mason won't touch the roof flashing, the roofer won't touch the thru-wall flashing. Now what?

Introducing the IPCO "Extra Wide" Stainless Steel Drip Edge with a 5/8" hemmed edge, designed to make the intersection of roof flashing and thru-wall flashing easier and more effective. The 5/8" hem allows for more room for the intersection of the roof flashing, and allows more room to apply caulk after installation.

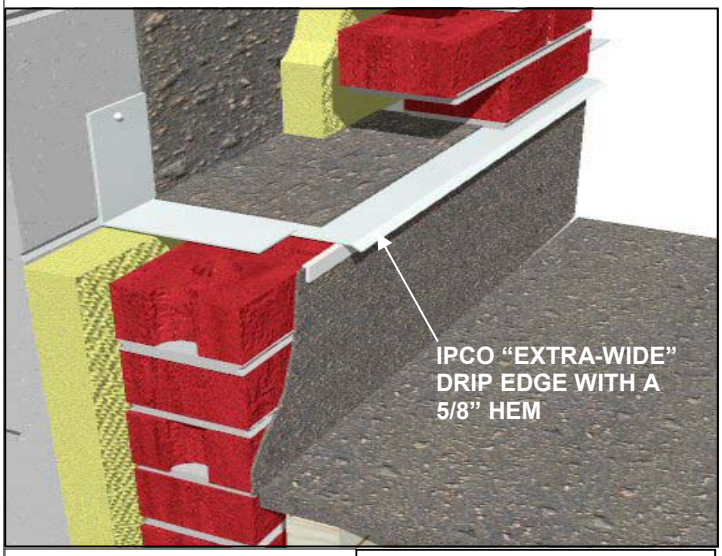
The 5/8" hem (as compared to our standard 3/8" hem) allows for more caulking area yet is not so large as to lose it's shape or functionality. Drip edges that stick out too far from the wall are likely to be damaged during the construction process or otherwise lose their shape, rendering them useless. The IPCO Extra-Wide Drip Edge provides enough extra drip without leaving it susceptible to damage.

The IPCO Extra-Wide Drip Edge should be used anywhere the additional width of the hemmed edge is needed, such as roof-wall intersections or as part of the IPCO Type F Parapet Wall Cavity Bridge flashing system.

To Drip or Not to Drip, that is the question!

Ask five specifiers and you are sure to receive five different answers—drip edge or no drip edge? Only at the base wall? Only at the base wall and below openings? Only above openings? Not at all? Let us set the record straight.

Drip edges are often eliminated from projects for one reason—aesthetics. Designers do not like the look of stainless steel projecting from their structures. The problem is, by doing that function is being sacrificed for form. Flashing systems must be terminated to the outside face of the wall—that is a fact. Not doing so is risking the functionality of the entire system. Drip edge should be installed anywhere flashing is being installed—at the base wall, above *and* below openings, at shelf angles and all other areas where flashing is detailed.



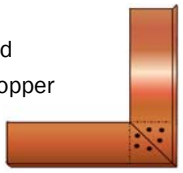
To minimize the appearance of the drip edge at the corner conditions, IPCO Preformed Inside and Outside Drip Edge Corners should be used at all corner conditions to maintain a clean line around the corners.

To further address the issue of aesthetics, IPCO also has drip edge in copper. Copper drip edge is also an excellent addition to copper flashing or copper laminate flashing systems, rather than stainless steel. IPCO Copper Drip Edge Preformed Corners are also available for that professional, clean, finished appearance at all inside and outside corner conditions.

In answer to the age-old question "To Drip or Not to Drip…" - the answer should be "Absolutely!"

Go to www.illinoisproducts.com for complete data sheets on IPCO Drip Edge, Preformed Drip Edge Corners, "Extra Wide" Drip Edge, and Copper Drip Edge and Copper Preformed Drip Edge Corners.

IPCO Copper Drip Edge and Preformed Copper Drip Edge Corners



Mortar Admixtures—Why you SHOULD let your contractors use them!

Specifiers are often leery of allowing contractors to use admixtures. Admixtures have received undeserving bad reputations as the cause of corrosion in the masonry wall, efflorescence and all kinds of other masonry evils. This is just simply not true.

Mortar admixtures, if properly used and the manufacturers recommended proportions followed, will help the mason construct masonry walls in adverse weather conditions and provide a better performing masonry wall.

How can specifiers be sure that mortar admixtures will be a benefit to their projects and not a detriment? Follow a few simple rules when specifying the use of admixtures:

1) Be sure that the admixtures being specified are for MORTAR and not CONCRETE. Although both products are cementitious in nature, their setting needs are completely different. Products packaged for concrete are proportioned for concrete, and vice versa. Therefore, only specify *mortar admixtures* for mortar and confirm via data sheets.

2) Always specify *powder* admixtures rather than liquid admixtures for mortar. Powder admixtures are provided in premeasured bags proportioned specifically for batches of mortar, versus liquids that are to be measured on-site. Most of the problems associated with admixtures relate directly to the incorrect and inconsistent measuring of the admixtures, a problem which can occur with liquid admixtures that are generally provided in large quantities.

3) For winter accelerators, always specify a *non-chloride* admixture in powder format (such as IPCO's Hard-N-Fast Non-Chloride Powder Mortar Accelerator).

4) Summer admixtures allow the mason to work at a more normal pace in the hot, windy weather, and allow the mortar to set at a more normal pace. Mortar that sets too quickly due to extremely warm temperatures or windy conditions will lose bond with the masonry unit and therefore be more likely to leak than mortar that has set properly. Retempering is not a good practice but is commonly done when admixtures are not allowed in order to maintain the proper mortar consistency. IPCO's Mor-Life Water Retention Powder Admixture provides a longer lasting, more workable mortar and provides a better bond.

Most commercial masons are more than familiar with the proper use of admixtures. Admixtures help them be more productive and effective during the winter cold and the summer heat. Admixtures were designed to help both the mason AND the structure! It is a win-win situation for everyone.

If you have any questions regarding the IPCO line of mortar admixtures, please call us 800-383-8183.

Answers to the 5th grade quiz questions: 1) 4; 2) 35 (call us if you want a diagram of the answer!); 3) B; 4) Zone of Ablation;

800-383-8183

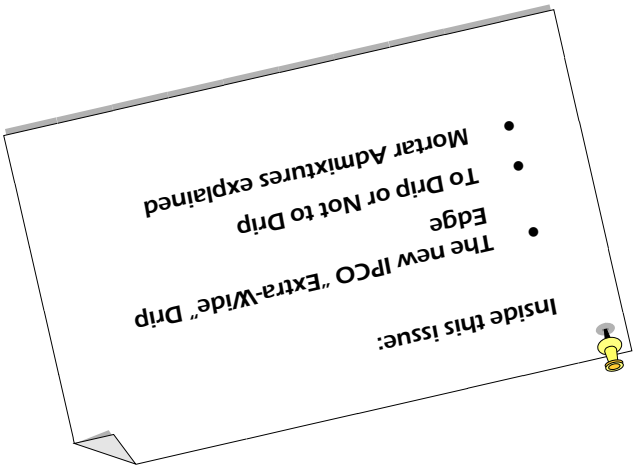
CALL FOR YOUR NEW CATALOG TODAY!

⇐ New products data sheets covering the IPCO Termination Bar and the "Extra-Wide" Drip Edge

⇐ More technical information and details added

⇐ All data sheets have been redesigned for consistency

THE NEW IPCO CATALOG IS NOW AVAILABLE!



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