

## The Problem: Moisture Damage

Moisture related problems in buildings cost millions of dollars annually, challenging manufacturers, designers, builders and subcontractors to find practical and cost-effective ways to control water intrusion.

In an investigation conducted by Williams Building Diagnostics of 100 single family homes in North Carolina, approximately 50% of all moisture damage incidents were traced to areas below the window units.

The area beneath a window is so vulnerable because there are many leak paths right above it. Water can leak through the window/wall interface and even through the window unit itself (especially at the corners of the window). Flashing, house wrap and sealant are often diligently used to protect the window/wall interface. Nonetheless, gaps frequently remain, especially at the inside corners of the rough opening. Water can enter at these critical areas and wet the underlying construction. Unless this water can dry or drain quickly it will cause damage.

## The Solution: CCW's EZ-Pan System

The integration of the CCW components in the EZ Pan system provides a continuous water shield and drainage plane, even in the sill corners. The CCW EZ Pan system protects this vulnerable area by collecting and draining out water that gets into the rough opening, regardless of the leak path.

## CCW Literature for EZ-Pan Installation and Components

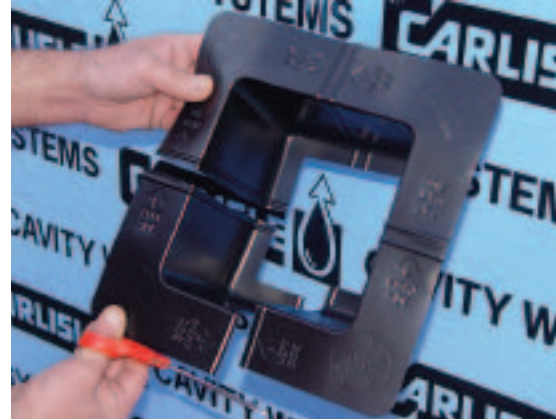
Installation of EZ-Pan requires a number of components from CCW as well as careful integration with the wall's water resistive barrier. Consult the following literature from CCW for more information:

- EZ Pan Installation Guide: Step-by-step instructions for installation with mounting flange windows in stud wall construction
- CCW-705 Air & Vapor Barrier Strips Technical Data Sheet
- EZ-Flash Technical Data Sheet
- WillFlash Technical Data Sheet
- CCW Sill Wedge Technical Data Sheet
- CCW Air Seal Tape Technical Data Sheet
- Travel-Tack Spray adhesive Technical Data Sheet

Or contact Carlisle Coatings & Waterproofing for assistance.

## EZ-Pan Components: Available Exclusively through CCW!

**WillFlash Molded HDPE Corner Accessory Pieces**  
Available in depths of 4<sup>9</sup>/<sub>16</sub>" , 2<sup>1</sup>/<sub>4</sub>" , 1<sup>3</sup>/<sub>4</sub>" and 1<sup>1</sup>/<sub>4</sub>" to accommodate diverse window profiles.



## Self-Adhering Flashing Products from Carlisle Coatings & Waterproofing

### EZ-Flash

- 20-mil. flashing with flexible poly film
- Available in 4", 6", 9", & 12" x 100' Rolls

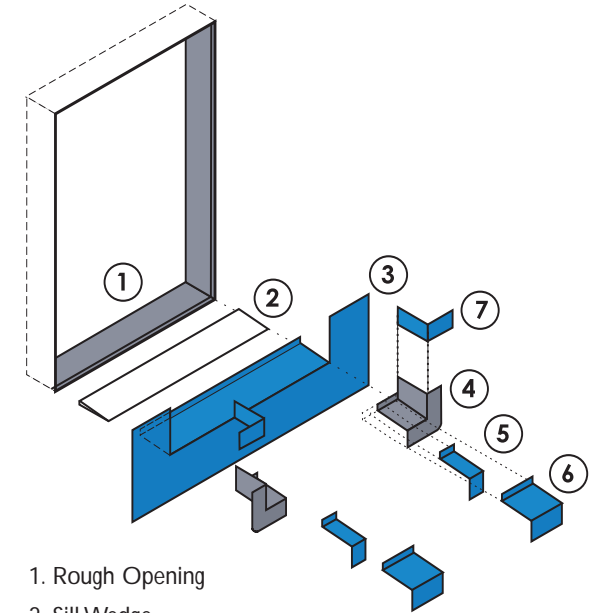
### CCW-705 Air & Vapor Barrier Strips

- 40 mil. flashing with tough HDPE film
- Available in 4", 6", 9", & 12" x 100' Rolls



# EZ PAN™

## A Simple Approach to Pan Flashing



1. Rough Opening
2. Sill Wedge
3. CCW-705 Air & Vapor Barrier Strips
4. WillFlash Corner Accessory Pieces (CAPs)
5. EZ-Flash, inner CAP to sill flashing
6. EZ-Flash, outer CAP to sill flashing
7. EZ-Flash, CAP to jamb stud and sheathing



Carlisle Coatings & Waterproofing, Incorporated  
900 Hensley Lane, Wylie TX 75098  
800.527.7092 • [www.carlisle-ccw.com](http://www.carlisle-ccw.com)  
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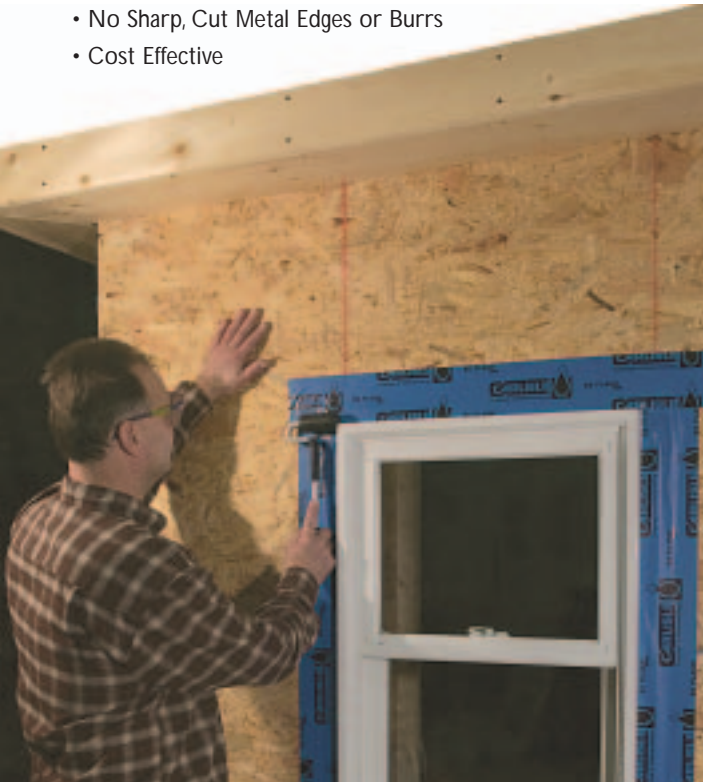
## What is EZ-Pan?

EZ Pan is a specialized pan flashing system designed to protect the rough opening against deterioration caused by water intrusion. The EZ-Pan system incorporates a sill wedge, WillFlash pre-molded HDPE corner accessory pieces (CAPs), CCW-705 Air & Vapor Barrier Strips and EZ-Flash self-adhering membrane flashings. This unique approach, validated by independent testing, is responsive to the demanding conditions of today's construction.

## Advantages offered by the EZ-Pan System

A pan flashing is an effective device for collecting and draining any water that leaks into the rough opening. In practice, field fabricating and installing a conventional, metal sill pan is labor intensive and difficult to consistently make leak-free. EZ-Pan offers the following advantages over field-fabricated or pre-fabricated metal pan flashing:

- Sized to the Job
- Easy to Consistently Join Components in a Water Tight Manner
- Easy to Install
- Easy and Reliable Integration with Other Wall System Components
- No Sharp, Cut Metal Edges or Burrs
- Cost Effective



## Typical Installation Process



1 Install CCW Sill Wedge (not shown). Install 9" width or 12" width CCW-705 across the rough opening. This forms the bottom of the sill pan as well as a continuous water resistant apron across the sheathing face.



2 Attach a WillFlash CAP to each sill corner over the CCW-705 with staples or Travel-Tack adhesive. These form the corner dams for the sill pan.



3 Seal each WillFlash CAP to the CCW-705 with a "strip seal" of EZ-Flash. Wrap over each strip seal to form a continuous back dam for the sill pan.



4 Cover each strip seal from step 3 with another larger piece of EZ-Flash.



5 Seal the WillFlash CAPs to the jamb studs and sheathing with two strips of EZ-Flash.



6 After installing the window unit into the rough opening, apply 4", 6", 9" or 12" width EZ-Flash over the mounting flanges at the window head and jambs.