Fundamentals of Functional Flashing

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FUNDAMENTALS OF FUNCTIONAL FLASHING

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Know your enemy, know his sword.

~ Miyamoto Musashi
AKA- Two hydrogens one oxygen
AAKA- Dihydrogen monoxide
Really known as- why you might get sued
IT’S THE ONLY NATURAL SUBSTANCE TO EXIST IN THREE PHASES OF MATTER
IT’S A POLAR SOLVENT! WHAT DOES THAT MEAN?
WE’VE SLOWED THE FLOW OF ENERGY WAY DOWN!
SO WHAT DO WE DO?
ten reasons to live in the desert
WHAT MAKES A DAMAGING LEAK?

1- Something that can be damaged by water
2- A source of water
3- A hole
4- A driving force
RAIN SCREENS!!!
A WELL INSTALLED WEATHER BARRIER
STAPLED OR STICKY-
TAPED INTEGRAL
OR FLUID APPLIED
PICK ONE YOU UNDERSTAND
USE SIMPLE PHYSICAL TECHNIQUES

Rainwater can flow around a surface as a result of surface tension.

Providing a kerf or drip edge will promote the formation of a water droplet and interrupt flow.
Beveled sill wedge made from cedar siding.
Overhang distance will be varied

Window Sill Mockup For Testing (48" wide)

2x4 wall
1/2" OSB
2x4 spacer

Series of water catchment troughs

Each metal collection trough will drain water to a storage device where the amount of water will be determined gravimetrically for each trough.
That's all Folks!