

# BUILDING ENCLOSURE CONSULTING



SK Collaborative helps developers, builders, contractors, and architects improve building performance with building enclosure services. Our comprehensive services measure the performance of installed systems and provide assurance of building durability.

We target areas of improvement in the building enclosure including:



WEATHER  
BARRIERS



WINDOW  
INSTALLATION



ROOF  
DETAILS



BELOW GRADE  
WATERPROOFING



INSULATION &  
AIR BARRIERS

## OUR SERVICES INCLUDE:

- Plan Reviews
- Installation Detail Recommendations
- Mock-up Inspections and Testing
- Material Submittal Reviews
- Enclosure Quality Control Inspections
- ASTM E1105 Window Spray Rack Testing
- ASTM E1186 & E779 Air Leakage Testing
- ASTM D7954 Roof Moisture Scanning
- Aerial Roof and Wall Inspections



## TEAM CERTIFICATIONS:



# TOP 9 WAYS TO PREVENT WATER INTRUSION THROUGH YOUR BUILDING ENVELOPE



SK Collaborative has your building envelope consulting needs covered - from plan reviews and site inspections to window and door water leak testing. One of the main drivers of building failures (and subsequent lawsuits) is water intrusion. Do the following nine practices and have confidence that when it rains, the water will stay outside your building.

- 

**1** **Install kick out flashing** where sloped roofs terminate at exterior walls.
- 

**2** **Properly lap shingle housewrap**, lapped 2" horizontally and 6" vertically, seams taped.
- 

**3** **Hold siding 1-2" off roof surface.**
- 

**4** **Install windows and exterior doors properly**, using Home Innovation's helpful guide for the ICC.
- 

**5** **Install housewrap with plastic cap fasteners** - no plain staples or nails.
- 

**6** **If using a face sealed system such as Zip Sheathing**, roll out tape fully (no gaps or folds) and tape or seal any overdriven or removed nails.
- 

**7** **Seal all pipes, wires, and ducts to weather barrier** using flexible tape or manufactured gasket before installing any siding or masonry veneer.
- 

**8** **Install a vented rainscreen** to reduce moisture and vapor intrusion into house and extend life of the siding.
- 

**9** **Do a complete inspection** of the weather barrier before starting any siding installation.

For more on these tips, read the full blog article online at [skcollaborative.com/consulting/building-enclosure/](https://skcollaborative.com/consulting/building-enclosure/).