



# High Performance Design and Detail Considerations for Air Barriers

**Provider:** PROSOCO

**Course #:** PRO039-24

**Learning Units:** 1 AIA LU/HSW



Approved  
Continuing  
Education



## Description:

Beyond being code required, discuss the importance of air barriers and their impact on energy efficiency and indoor air quality. This course evaluates common installation challenges of various technologies and how to overcome them to reduce construction delays and innovations in fluid applied waterproofing technologies to show a path forward for designers seeking higher-performing wall assemblies. This course also uses several specific, yet common, details to discuss sequencing of materials to achieve air barrier continuity while also managing moisture.

## Learning Objectives:

- Explain the essential role air barriers play in increasing energy efficiency & improving occupant health by positively impacting indoor air quality (IAQ).
- Review of air barrier types and advantages of High- Performance Technologies that are better suited to meet the needs of today's construction market.
- Explain critical importance of a building envelope Pre-Construction Meeting and the essential topics to cover.
- Identify and explain essential elements to achieve air barrier continuity through review of typical transition details found on most buildings.

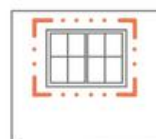
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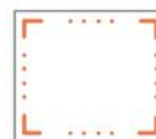
Proven to withstand extreme weather conditions, PROSOCO R-Guard air & water barrier-protected buildings are more durable, resilient and sustainable.

The PROSOCO R-Guard Product Line includes fluid applied detailing products, field coatings, and accessories. Detailing products focus on penetrations and transitions, accessories address specific purposes within the building envelope, and field coatings provide a drainage plane for the face of the wall. These products can be used as a complete air barrier system or used individually for retrofit applications.

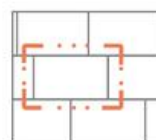
## Liquid Applied Air Barrier Systems



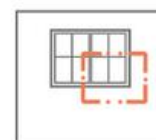
Rough Openings



Field Coating



Joints & Seams



Interior Air Seal

**Lawrence, KS**