

## Air Barrier Solutions for Knee Walls Exposed to Attic Conditions

### PROBLEMS

- Attic temperatures climb to extreme levels in the summer, creating an oven on the other side of your wall.
- Winter attic temperatures are significantly lower than room temperatures and cause rapid heat loss.
- Exposed fiberglass batts often pull away from wall boards dramatically reducing R-value performance.
- Air movement around the surface of exposed fiberglass batt reduces R-value.
- HVAC load often reaches peak performance and cannot maintain comfortable building temperatures.

- Knee Walls
- Behind Bath Tubs
- Attic Stair Wells
- Bonus Rooms and More



Wall Exposed to Attic with No Protection



Skyflex Air Barrier Protects Exposed Walls to Improve Efficiency & Comfort

### SOLUTION

Install Fi-Foil Air Barriers over the face of wall studs exposed to extreme conditions

#### Benefits of Reflective Air Barriers:

- Reflect heat away from surface of insulation reducing radiant heat gain in the summer
- Reduce radiant heat loss in the winter
- Secure fiberglass batt against wall board
- Increase R-value and performance when used with other insulation such as batt, gypsum or spray foam

**Better:**

Single-sided sheet, radiant air barrier  
easy to transport 48" wide, 500 Sqft Rolls

**Best:**

Air barrier with membrane  
and thermal break