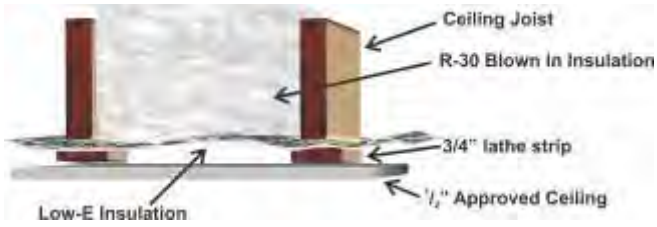
Ceiling Applications

Ceiling Application with Low-E & Blown In Insulation

System R-Value: R- 34.70 Downward Heat Flow, System R-Value R- 33.75 Upward Heat Flow

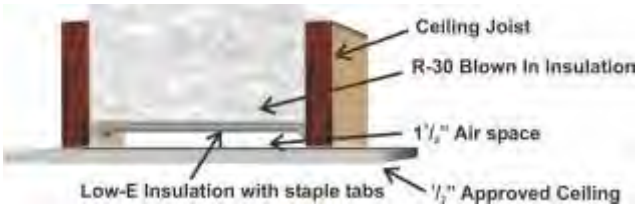
Measure entire ceiling joist area to determine square footage of Low-E Insulation required (length x width). Roll out material and fasten to bottom of ceiling joist, stapling with 1/2” staples every 6”. To achieve a vapor barrier, all adjoining seams must be taped securely with Low-E tape. Secure lathe strips and interior ceiling using approved application methods.



Recessed Ceiling Application with Low-E & Blown In Insulation

System R-Value: R- 38.04 Downward Heat Flow, System R-Value R- 32.87 Upward Heat Flow

Measure entire ceiling joist area to determine square footage of Low-E Insulation required (length x width). We recommend using Low-E Insulation with tabs. Roll out tab material and fasten by recessing it 1-1/2” into ceiling joist cavity, stapling with 1/2” staples every 6”. To achieve a vapor barrier, all adjoining seams must be taped securely with Low-E tape. Secure interior ceiling using approved application methods.



SYSTEM R-VALUES FOR THESE INSTALLATION METHODS WERE CALCULATED USING DATA FROM THE 1989 ASHRAE HANDBOOK OF FUNDAMENTALS

Suggested Cathedral Ceiling Installation

System R-Value: R- 29.74 Downward Heat Flow, R- 23.55 Upward Heat Flow

Install 24” ESP Low-E® Tab Insulation as the baffling under wood deck to insure proper ventilation. Install fiberglass according to manufacturers recommendation.

SYSTEM R-VALUES FOR ESP LOW-E® INSULATION AS PER ASTM C-976, AIR TO AIR, ADJUSTED TO MEET CRITERIA EQUIVALENT TO ASTM 1224