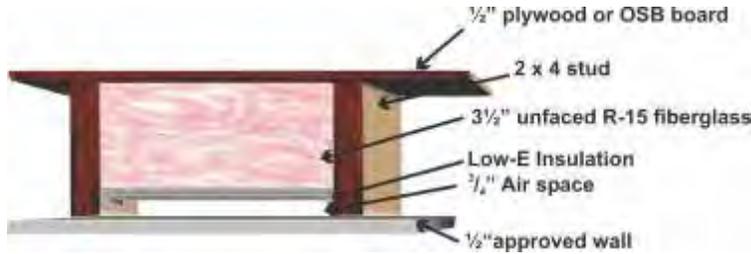


# Wall Applications

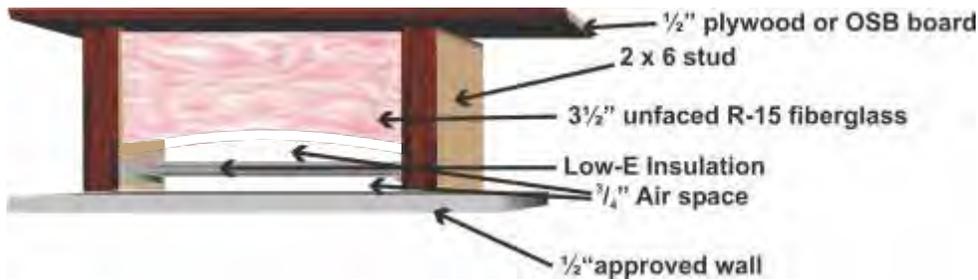
## Wall Application with Low-E & Mass Insulation (2X4) & (2X6)

System R-Value: R- 18.91, Horizontal Heat Flow Only

The first step in this application is to install mass insulation in the wall cavity. Next, install Low-E Insulation Tab Material with the tab flush to the outside of the stud. It is recommended that 1/2" staples be applied approximately every 6" along tab to fasten Low-E. All seams should be taped securely with Low-E Tape. Cover the face of each stud with tape and all seams around electrical boxes should be taped.



System R-Value: R- 22.75, Horizontal Heat Flow Only

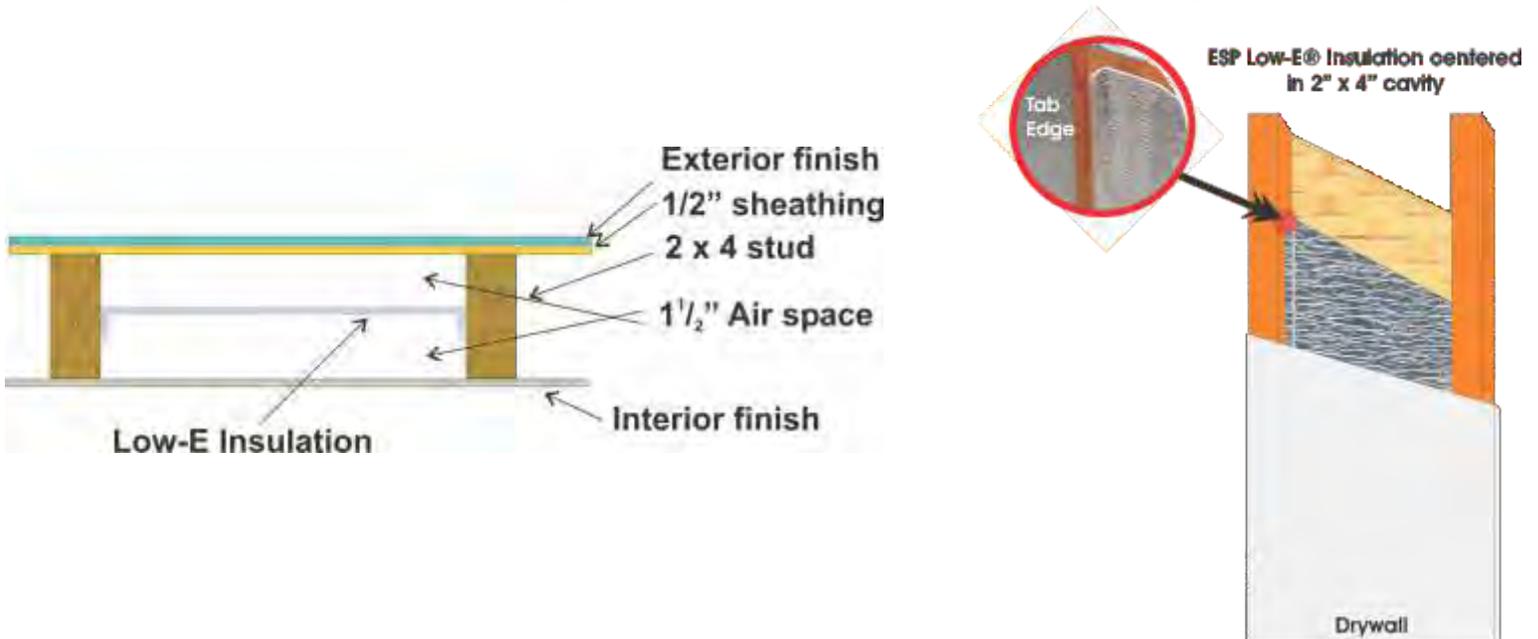


SYSTEM R-VALUES FOR THESE INSTALLATION METHODS WERE CALCULATED USING DATA FROM THE 1989 ASHRAE HANDBOOK OF FUNDAMENTALS

## Wall Application with 1 Layer Low-E Insulation (No Mass Insulation)

System R-Value: R- 9.06, Horizontal Heat Flow Only

Install Low-E Insulation Tab Material with the tab centered within the stud cavity. It is recommended that 1/2" staples be applied approximately every 6" along tab to fasten Low-E. All seams are taped securely with Low-E Tape. All seams around electrical boxes are taped. To achieve a vapor barrier, all seams must be taped securely with Low-E tape.



CALCULATIONS FOR THIS ASSEMBLY WERE PERFORMED BY R & D SERVICES REPORT # RD03224