



## ASTM C1363

Effective R-Value Testing and Energy Modelling

## Tested

2" Solar Dry with Empty Cavity: Effective R-13.2  
 2" Solar Dry and R-12 Fiberglass: Effective R-22.1

## Modelled / ASHRAE

1.5" Solar Dry with Empty Cavity: Effective R-10.75  
 1.5" Solar Dry and R-12 Fiberglass: Effective R-20.55  
 1.5" Solar Dry and R-20 Fiberglass: Effective R-26.55  
 2" Solar Dry and R-20 Fiberglass: Effective R-28.3

**NOTE:** Substitute mineral wool insulation for fiberglass - add an effective R-1 to the assembly.