

Sweeney 153 Testing Labs

Tests performed in my kitchen.



CERTIFIED COPY

Methodology

A 4"x4"x5" box was constructed out of Aluminum sheet metal and insulated on all 6 sides with Polyisocyanurate Insulation Foam board. It was heated to 120 degrees (F) and placed in a 0 degree freezer. The time it took to reach 68 degrees was recorded. It was then chilled to 40deg and placed in a 160 deg oven. The time it took to reach 70 degrees was recorded. All tests were conducted using the same box, oven, stove, freezer and thermometer with a remote probe

Polyisocyanurate Insulation Foam board
1 inch, R7 per inch per US DOE
1/2 of recommended

Temp Coat <5mil
R Value unknown
because I don't know how to figure it out
1/4 of recommended

in a 0 deg freezer	120 deg	Time	8:30	4:29
	68 deg	Time	8:37	4:36
	Difference		7 minutes	7 minutes
In a 170 deg Oven	40 deg	Time	8:59	4:11
	70 deg	Time	9:02	4:15
	Difference		3 minutes	4 minutes

Note: Tests were performed twice with the same results.

Not certified or approved by anyone.
Tests performed under the watchful eyes of my wife.

