

Solarguard Test Data

Solarguard Foil		
PHYSICAL PROPERTIES	TEST METHOD	VALUES
Flame Spread	ASTM,E - 84	0
Smoke Developed	ASTM,E - 84	0
Full Scale Corner Wall	UL 1715/UBC 26-3	PASS
Thermal Performance(*)	ASTM, C - 976	Heat Flow Down = R 11.6 Heat Flow Up = R 8.3 Heat Flow Horizontal = R 9.0

(**) System R-Values per ASTM C976/C1363, Air to Air with a 30 degree Fahrenheit temperature differential. These tests were conducted using a Calibrated Hot Box apparatus at the Johns Manville Technical Center, Littleton, CO. The reflective insulation tested was .25” thick fiber glass insulation with foil facing on one side and a reinforced foil scrim facing on the other side. The test sample was installed in the middle of a 2 x 4 wood stud cavity, the wood framing was 16” o.c. with ¾” thick plywood on each side. All R-Values are in hr-sq. ft.-degree F/BTU.