



**ABRIDGED ASTM C518
TEST REPORT**

Report No.: E2150.02-116-25

Rendered to:

HILTI CORPORATION
Schaan, Principality of 100, Liechtenstein FL-9494

PRODUCT TYPE: Spray Foam Insulation
SERIES / MODEL: Extreme Weather Insulating Foam CF-I XTW

SPECIFICATION: ASTM C518-10, *Standard Test Method for Steady-State Thermal Transmission Properties by Means of the Heat Flow Meter Apparatus*

Test Conditions:

Cold plate temperature: 55 °F nominal
Warm plate temperature: 95 °F nominal
Mean specimen temperature: 75 °F nominal
Average Temperature Gradient: 40 °F/inch

Test Results:

Average thermal resistivity -r (hr·ft ² ·°F/ Btu-in) R-value/inch	3.72
Apparent thermal conductivity - k (Btu-in/hr·ft ² ·°F)	0.269
Specimen Average Thickness (inches)	0.991
Specimen Average Density (Lbs/Ft ³)	0.69

Uncertainty: Less than 3%, per ANSI/NCSL Z540-2-1997 Type B.

Test Completion Date: 12/30/14
Report Date: 01/07/15