SEALEZE™
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Test Report: Air Flow with XtraSeal™ Brush

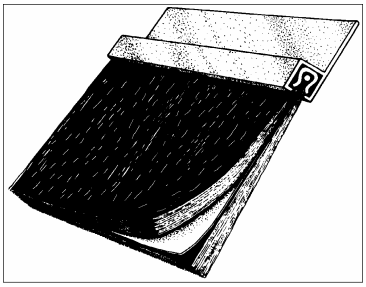
Purpose:
Test air flow rates at different air pressures when a Sealeze XtraSeal brush (brush with a solid thin, flexible membrane sandwiched between layers of filament) is positioned in a gap of fixed length and width.

Material Tested:
Sealeze XtraSeal brush: Size G, with 0.020 filament diameter, 3-inch OAT, 12 inches in length

Test Procedure:
Air flow tests were conducted using testing apparatus consisting of a sealed chamber designed to mount the brush over an opening and pressurizing the chamber to the appropriate pressure and measuring the airflow passing through the brush at the various pressures. The opening has an adapter plate to position the brush over the opening and seal the top, sides, and bottom as it would be in the final application. Air is supplied to the chamber through a precision air flow meter and the pressure in the chamber is monitored by Dwyer pressure gauge. Air flow is increased until the chamber pressure is raised to the desired level. Readings are taken, and the pressure is adjusted to the next level and again readings are taken.

Test Results:

Pressure (Inches of H_2O)	Air Loss (Cubic Feet/Minute)
0.1	5.5
0.2	8.0
0.3	12.0
0.4	16.0
0.5	18.0



XtraSeal Brush