

Results after Contractor Improvements

BUILDING LEAKAGE TEST COMPARISON

LgO Services
330 Breesport
San Antonio, TX 78216
210.541.0802

Test #1	Test #2			
Test File: Ms Rosario My Casa Make Over 2 24 2009	Test File: Ms Rosario My Casa Make Over 5 6 2009			
Date of Test: 2/24/2009	Date of Test: 5-6-2009			
Test Results				
	Test #1	Test #2	Change	Percent
1. Airflow at 50 Pascals:	13018 CFM 70.85 ACH	3242 CFM 17.65 ACH	-9775 CFM -53.20 ACH	-75.1 % -75.1 %
2. CFM50 per ft2 Floor Area	7.76 CFM/ft2	1.93 CFM/ft2	-5.83 CFM/ft2	-75.1 %
3. Leakage Areas:				
Canadian EqLA @ 10 Pa:	1344.0 in2	368.4 in2	-975.6 in2	-72.6 %
LBL ELA @ 4 Pa:	714.7 in2	206.9 in2	-507.8 in2	-71.1 %
4. Minneapolis Leakage Ratio: (CFM50 per ft2 Surface Area)	1.18	0.29	-0.89	-75.1 %
Infiltration Estimates				
1. Estimated Annual Average Infiltration Rate:	451.3 CFM 2.46 ACH	130.7 CFM 0.71 ACH	-320.7 CFM -1.75 ACH	-71.1 % -71.1 %
2. Estimated Design Infiltration Rate:				
Winter:	766.6 CFM 4.17 ACH	221.9 CFM 1.21 ACH	-544.6 CFM -2.96 ACH	-71.1 % -71.1 %
Summer:	581.3 CFM 3.16 ACH	168.3 CFM 0.92 ACH	-413.0 CFM -2.25 ACH	-71.1 % -71.1 %
Cost Estimates				
1. Estimated Costs of Air Leakage for Heating:	\$15	\$4	\$-11	-75.1 %
2. Estimated Costs of Air Leakage for Cooling:	\$1154	\$311	\$-843	-73.1 %

CFM - Cubic Ft/Min

ACH - Air Changes/Hr