

Tæthedsprovning



**Niels Bohrs Vej 38, Stilling
24. oktober 2008**





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TÆTHEDSPRØVNING

Sagsnavn: Niels Bohrs Vej 38, Stilling,
8660 Skanderborg

Rekvirent: BRDR. THYBO & CO
Søtoften 22, 8660 Skanderborg

Sagsnr.: 08193

Dato for prøve: 2008.10.24.

"Luftskiftet gennem utætheder i klimaskærmen må ikke overstige
1,5 l/s pr. m² ved trykprøvning med 50 Pa"

Data for måling

Test ved undertryk 1,33 l/s pr. m²

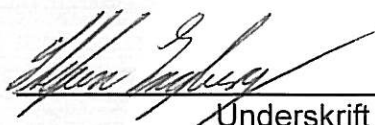
Resultat 1,33 l/s pr. m²

Konklusion: Bygningen overholder kravet

Bemærkninger: Huset er bygget efter
bygningsreglement 2006.

Dokumentation: Vedlagt i form af test rapport

Blower door test udført af Stefan Engberg



Underskrift

BUILDING LEAKAGE TEST

Date of Test: 24.10.2008
Test File: Undertryk 24.10.2008

Technician: Stefan Engberg

Customer: THYBO & CO A/S
Søtoften 12
Skanderborg, 8660
Phone: 86521388
Fax: 86521380

Building Address: Administration/Kontor
Niels Bohrs Vej 38, Stilling
Skanderborg, 8660

Airflow at 50 Pascals: 942 lps (+/- 0.4 %)
(50 Pa = 0.2 w.c.)

1.33 lps/m² Floor Area

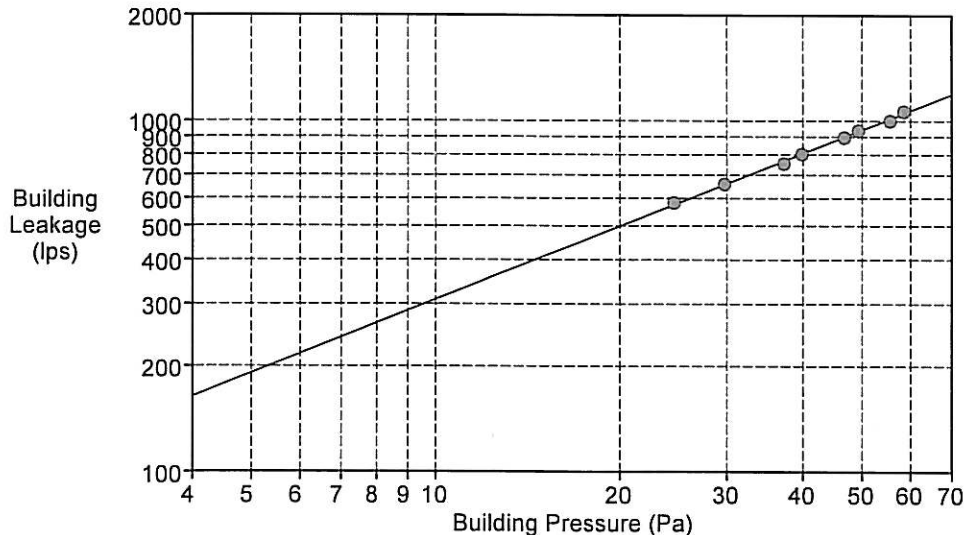
Leakage Areas: 1241.7 cm² (+/- 2.6 %) Canadian EqLA @ 10 Pa
634.9 cm² (+/- 4.1 %) LBL ELA @ 4 Pa

Minneapolis Leakage Ratio:

Building Leakage Curve: Flow Coefficient (C) = 62.7 (+/- 6.4 %)
Exponent (n) = 0.693 (+/- 0.017)
Correlation Coefficient = 0.99827

Test Standard: EN 13829 Test Mode: Depressurization
Type of Test Method: B Regulation complied with: BR06
Equipment: Model 4 (230V) Minneapolis Blower Door

Inside Temperature:	21 °C	Volume:	
Outside Temperature:	10 °C	Surface Area:	
Barometric Pressure:	101325 Pa	Floor Area:	710 m ²
Wind Class:	6 Strong Breeze	Uncertainty of	
Building Wind Exposure:	Partly Exposed Building	Building Dimensions:	%
Type of Heating:	Fjernvarme	Year of Construction:	2008
Type of Air Conditioning:			
Type of Ventilation:	Naturligt		



BUILDING LEAKAGE TEST Page 2

Date of Test: 24.10.2008 Test File: Undertryk 24.10.2008

Comments

Data Points:

Nominal Building Pressure (Pa)	Fan Pressure (Pa)	Nominal Flow (lps)	Temperature Adjusted Flow (lps)	% Error	Fan Configuration
1.1	n/a				
-58.3	33.3	1091	1064	1.3	Open
-55.4	29.5	1027	1001	-1.2	Open
-49.2	168.8	963	938	0.5	Ring A
-46.6	153.9	920	896	-0.4	Ring A
-39.7	123.6	825	804	-0.2	Ring A
-37.0	109.0	775	755	-1.6	Ring A
-29.5	83.0	677	660	0.4	Ring A
-24.4	64.7	599	583	1.3	Ring A
-0.7	n/a				
Test 1 Baseline (Pa):		p01- = -0.2	p01+ = 1.2	p02- = -0.8	p02+ = 0.1