



TEST REPORT

№ 05/19.02.2018

1. **Doors and windows** AL Window - „ETEM E-68 “.

2. **Applicant of the test** Request No 02 / 12.02.2018
ETEM Bulgaria
119A Iliyantzi Blvd., Sofia

3. **Test methods:** BDS EN ISO 10140-2

4. **Date of receipt of test specimens in the laboratory** 12.02.2018

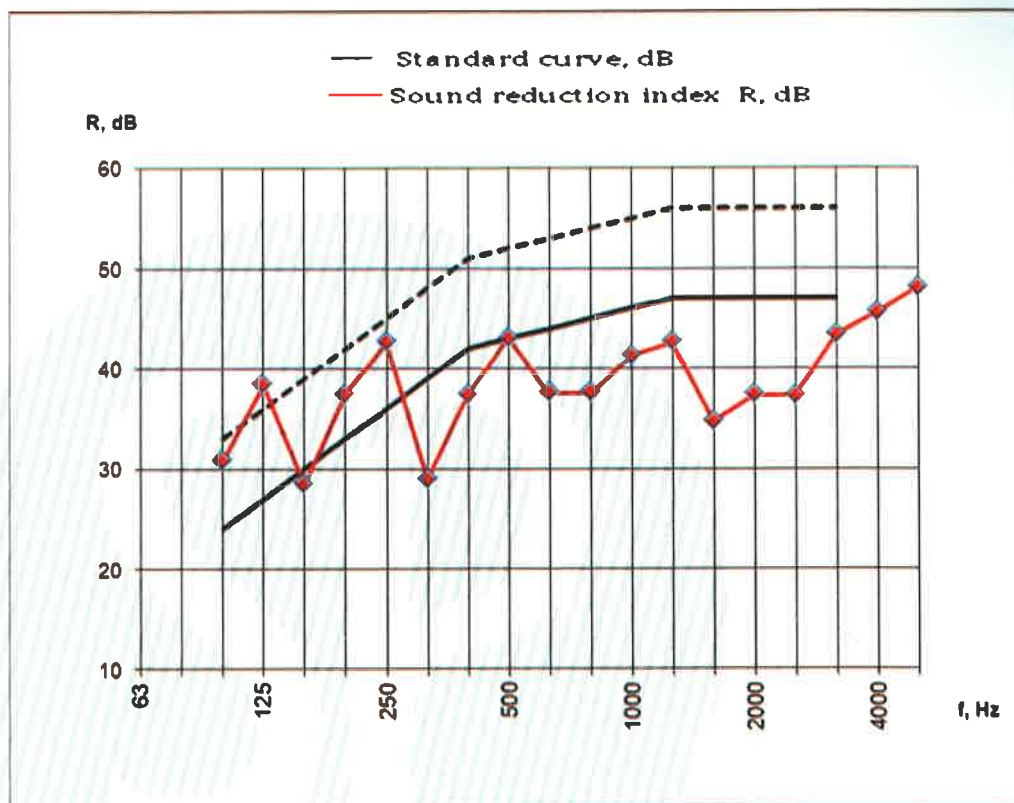
5. **Quantity of test samples:** 1 number Window - ETEM "E-68"

6. **Date of the test** 15.02.2018



Frequency f Hz	Ln one-third octave dB
50	-
63	-
80	-
100	30,9
125	38,5
160	28,5
200	37,5
250	42,7
315	29,1
400	37,5
500	43,1
630	37,7
800	37,6
1000	41,4
1250	43,0
1600	34,8
2000	37,4
2500	37,4
3150	43,5
4000	45,7
5000	48,1

Legend: R-index, volume down, dB
f - frequency, Hz



Classification in accordance with ISO 717-1:

R_w (C;Ctr) = 43 (-2; -2)dB C₅₀₋₃₁₅₀ = (-2,0) dB; C₅₀₋₅₀₀₀ = (-1,0) dB; C₁₀₀₋₅₀₀₀ = (-1,0)dB;

Evaluation based on results from laboratory measurements obtained engineering method:


C_{tr50-3150} = (-2,0) dB; C_{tr50-5000} = (-2,0) dB; C_{tr100-5000} = (-2,0) dB;



7. TEST RESULTS

7.2 Testing (measurements) out the scope of accreditation

№	Name of the indicator	Units of measure	Standard methods	The samples	Test results (value, uncertainty)	Value and limit of the index	Test conditions
1	2	3	4	5	6	7	8
1.	Airborne sound insulation	dB	BDS EN ISO 10140-2	05-03-01	43	-	22.3°C 36.1%RH

Carried out testing: 
(eng.D.Georgiev)

Head of the laboratory: 
(Ph.D eng. P. Naydenova)

