



TEST REPORT

№ 02/19.02.2018

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

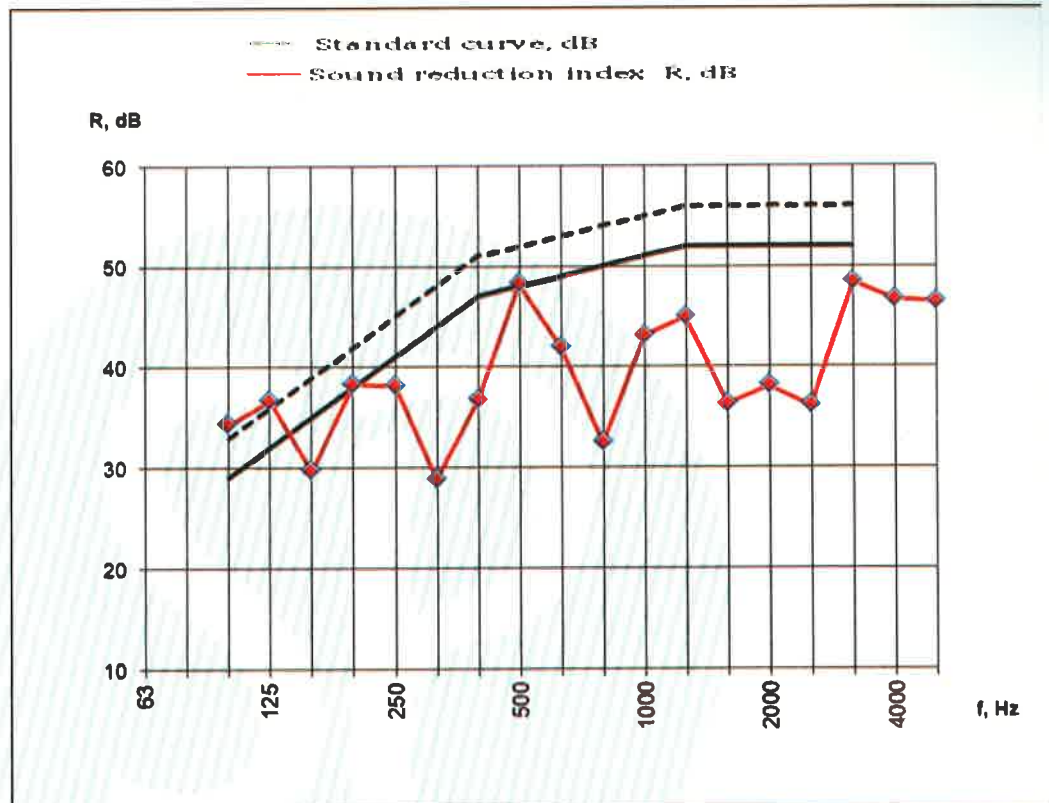
5. **Quantity of test samples:** 1 number Window - ETEM "E-68"

6. **Date of the test** 12.02.2018



Frequency f Hz	Ln one-third octave dB
50	-
63	-
80	-
100	34.4
125	36.7
160	29.8
200	38.3
250	38.3
315	28.9
400	36.8
500	48.3
630	42.0
800	32.6
1000	43.2
1250	45.0
1600	36.4
2000	38.2
2500	36.2
3150	48.5
4000	46.7
5000	46.5

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



Classification in accordance with ISO 717-1:

Rw (C;Ctr) = 48 (-1; -1)dB $C_{50-3150} = (-1,0)$ dB; $C_{50-5000} = (-1,0)$ dB; $C_{100-5000} = (-1,0)$ dB;

Evaluation based on results from laboratory measurements obtained engineering method:

$Ctr_{50-3150} = (-3,0)$ dB; $Ctr_{50-5000} = (-3,0)$ dB; $Ctr_{100-5000} = (-3,0)$ dB;



7. TEST RESULTS

7.2 Testing (measurements) out the scope of accreditation

No	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	02-03-01	48	-	21.7°C 34.7%RH

Carried out testing:
(eng.D.Georgiev)

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

