



TEST REPORT

№ 04/19.02.2018

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

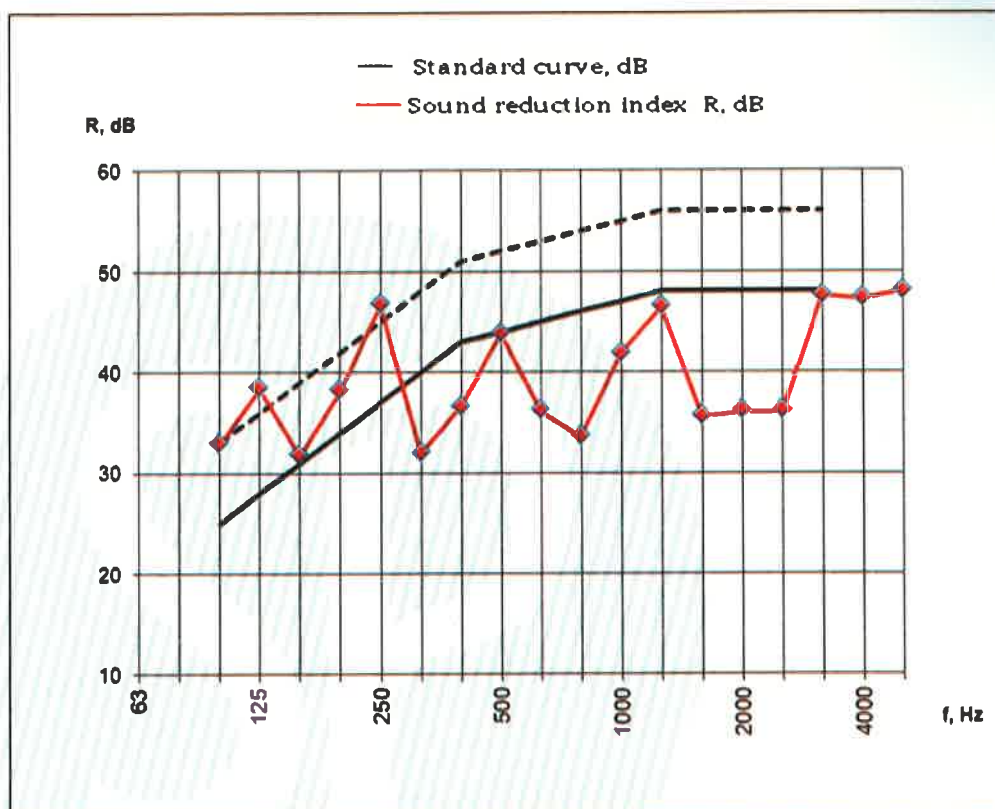
4. **Date of receipt of test specimens in the laboratory** 12.02.2018

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

6. **Date of the test** 14.02.2018

Frequency f Hz	Ln one-third octave dB
50	-
63	-
80	-
100	33,0
125	38,5
160	31,8
200	38,2
250	46,8
315	32,1
400	37,5
500	43,9
630	36,3
800	33,7
1000	41,9
1250	46,5
1600	35,7
2000	36,3
2500	36,2
3150	47,7
4000	47,4
5000	48,1

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



Classification in accordance with ISO 717-1:

Rw (C;Ctr) = 44 (-2; -2)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

№	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	04-03-01	44	-	21.0°C 34.3%RH

Carried out testing:
(eng.D.Georgiev)

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

