



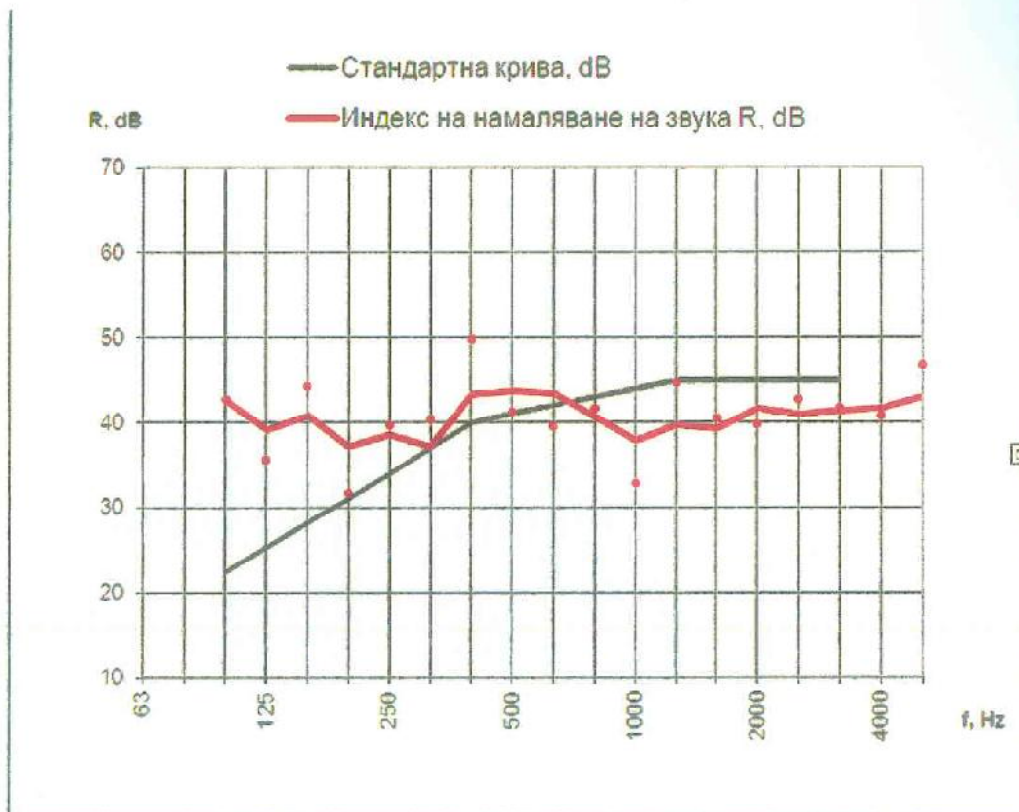
## **TEST REPORT**

**№ 28/30.09.2015**

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|---|--|
| <b>1. Doors and windows</b>   | Window "type Hotel" with lifting and sliding mechanism - "E-50".     |
| <b>2. Applicant of the test</b><br>ETEM Bulgaria<br>119A Iliyantzi Blvd., Sofia | Request No 11/26.09.2015   |
| <b>3. Test methods:</b>   | BDS EN ISO 10140-2   |
| <b>4. Date of receipt of test specimens in the laboratory</b>                   | 26.09.2015   |
| <b>5. Quantity of test samples:</b>   | 1 piece Window "type Hotel" with lifting and sliding mechanism - E50 |
| <b>6. Date of the test</b>  | 29.09.2015   |



Frequency f Hz	Ln one-third octave dB
50	-
63	-
80	-
100	42.6
125	35.6
160	44.2
200	31.7
250	39.7
315	40.2
400	45.8
500	41.1
630	39.5
800	41.5
1000	32.7
125	44.7
600	40.4
2000	49.7
2500	42.6
3150	41.7
4000	40.7
5000	46.7



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

Classification in accordance with ISO 717-1:

$R_w (C; C_{tr}) = 41 (-1; -3) \text{ dB}$   $C_{50-3150} = (-2,0) \text{ dB}$ ;  $C_{50-5000} = (-1,0) \text{ dB}$ ;  $C_{100-5000} = (-1,0) \text{ dB}$

Evaluation based on results from laboratory measurements obtained engineering method:

$C_{tr50-3150} = (-3,0) \text{ dB}$ ;  $C_{tr50-5000} = (-3,0) \text{ dB}$ ;  $C_{tr100-5000} = (-3,0) \text{ dB}$