

**SOUND ABSORPTION COEFFICIENT  $\alpha_s$   
OF SUSPENDED CEILING PANELS**

Test 4  
Date 31/08/16  
Station ALPHA

AA45

**REQUESTER. MANUFACTURER** SAINT-GOBAIN ECOPHON  
**NAME** FOCUS Ez  
**CONFIGURATION** Total depth of construction: 60 mm  
**STANDARDS** EN ISO 354. EN ISO 11654. EN 16487  
**FITNESS FOR PURPOSE** Unchecked

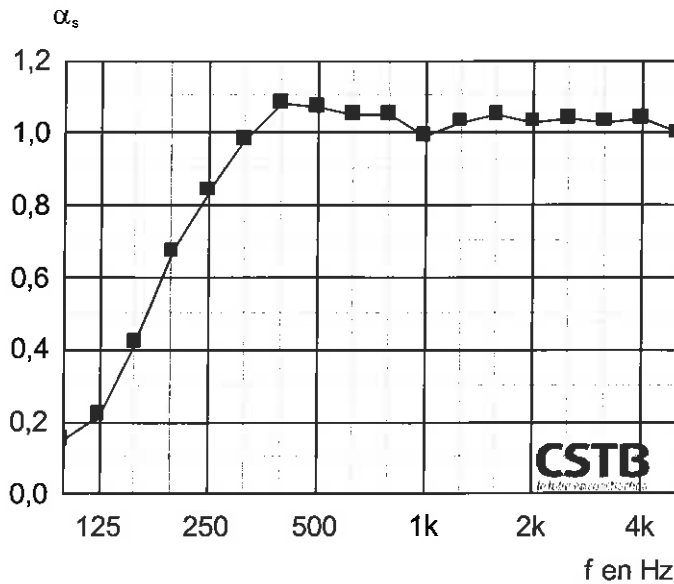
**MAIN CHARACTERISTICS**

**MEASUREMENT CONDITIONS**

Dimensions in mm : 3510 x 2890  
Area in m<sup>2</sup> : 10.14  
Thickness in mm : 40  
Mass per unit area in kg/m<sup>2</sup>: 3.29  
Mounting type : E-60

**Empty room:** Temperature: 25 °C  
Relative humidity: 58 %  
**Room with sample:** Temperature: 25 °C  
Relative humidity: 61 %

**RESULTS**



f	$\alpha_s$
100	0,15
125	0,22
160	0,42
200	0,67
250	0,84
315	0,98
400	1,08
500	1,07
630	1,05
800	1,05
1000	0,99
1250	1,03
1600	1,05
2000	1,03
2500	1,04
3150	1,03
4000	1,04
5000	1,00
Hz	

$\alpha_w = 1,00$

classement /class : A

NRC = 1,00

SAA = 0,99