

**PRACTICAL SOUND ABSORPTION COEFFICIENT  $\alpha_p$   
OF SUSPENDED CEILING PANELS**

Test 14  
Date 09/07/14  
Station ALPHA  
AA45

**REQUESTER, MANUFACTURER** SAINT GOBAIN ECOPHON

**NAME** Focus Dg 25 mm

**FITNESS FOR PURPOSE** Unchecked

**STANDARDS** EN ISO 354, EN ISO 11654, prEN 16487

**CONFIGURATION** 200 mm overall depth of construction

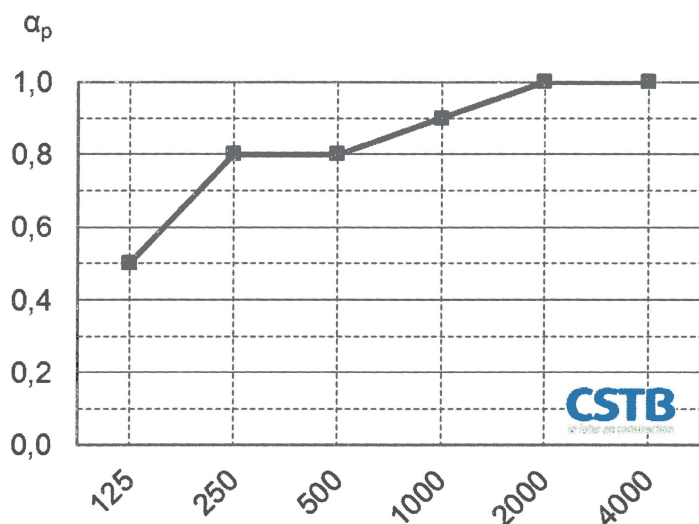
**MAIN CHARACTERISTICS**

Dimensions in mm : 2915 x 3500  
Area in m<sup>2</sup> : 10.2  
Thickness in mm : 25  
Mass per unit area in kg/m<sup>2</sup>: 2.7  
Mounting type : E-200

**MEASUREMENT CONDITIONS**

**Empty room:** Temperature: 21.0°C  
Relative humidity: 64%  
**Room with sample:** Temperature: 22.0°C  
Relative humidity: 60%

**RESULTS**



f	$\alpha_p$
125	0,50
250	0,80
500	0,80
1000	0,90
2000	1,00
4000	1,00
Hz	

$\alpha_w = 0,90$   
classement / class: A

*It is strongly recommended to use this single number rating in combination with the complete sound absorption coefficient curve.*