

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

Test 7  
Date 08/21/15  
Station ALPHA

AA45

**REQUESTER, MANUFACTURER** SAINT-GOBAIN ECOPHON

**NAME** Gedina E T24 15 mm

**FITNESS FOR PURPOSE** Unchecked

**CONFIGURATION** 200 mm overall depth of construction

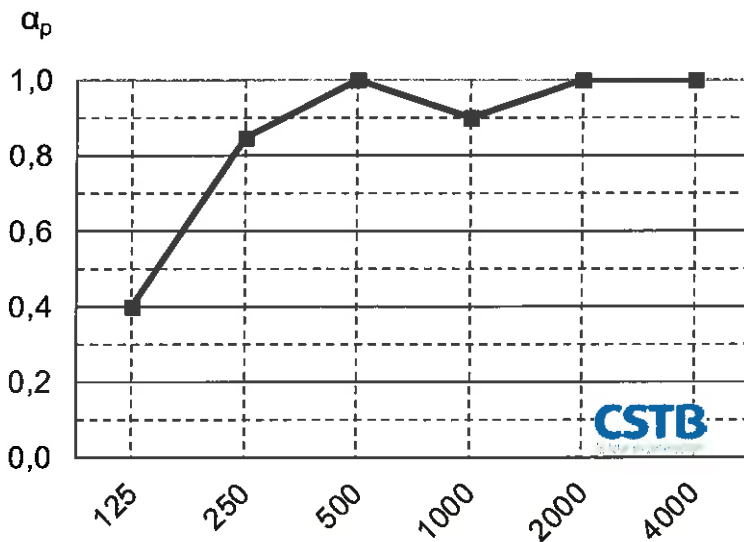
**MAIN CHARACTERISTICS**

Dimensions in mm : 2915 x 3498  
Area in m<sup>2</sup> : 10.32  
Thickness in mm : 15  
Mass per unit area in kg/m<sup>2</sup>: 1.2  
Mounting type : E-200

**MEASUREMENT CONDITIONS**

**Empty room:** Temperature: 22.3°C  
Relative humidity: 70 %  
**Room with sample:** Temperature: 23.0°C  
Relative humidity: 67%

**RESULTS**



f	$\alpha_p$
125	0,40
250	0,85
500	1,00
1000	0,90
2000	1,00
4000	1,00
Hz	

$\alpha_w = 1$   
classement / class: A

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