

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

Test **5**  
Date **08/21/15**  
Station **ALPHA**

AA45

**REQUESTER, MANUFACTURER** SAINT-GOBAIN ECOPHON  
**NAME** Hygiene Clinic E T24 15 mm  
**FITNESS FOR PURPOSE** Unchecked  
**CONFIGURATION** 200 mm overall depth of construction

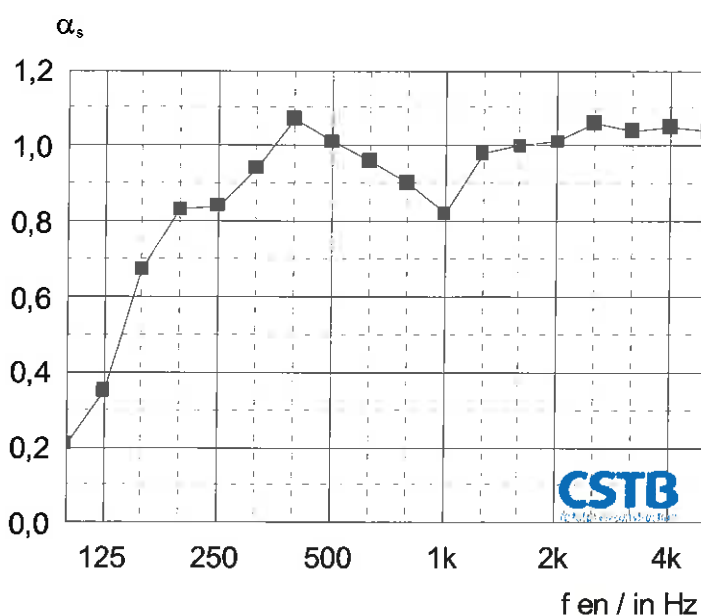
**MAIN CHARACTERISTICS**

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>: 1.3  
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	$\alpha_s$
100	0,21
125	0,35
160	0,67
200	0,83
250	0,84
315	0,94
400	1,07
500	1,01
630	0,96
800	0,90
1000	0,82
1250	0,98
1600	1,00
2000	1,01
2500	1,06
3150	1,04
4000	1,05
5000	1,04
Hz	

$\alpha_w = 1,00$   
classement / class: A