

**SOUND ABSORPTION COEFFICIENT  $\alpha_p$   
OF BAFFLES**

Test **15**  
Date **27/06/17**  
Station **ALPHA**

AA79

**REQUESTER, MANUFACTURER** SAINT-GOBAIN ECOPHON

**NAME** Solo Baffle 1200 x 600 x 40

**FITNESS FOR PURPOSE** Unchecked

**CONFIGURATION** 600 mm overall depth of construction, oriented in rows cc  
200 mm

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

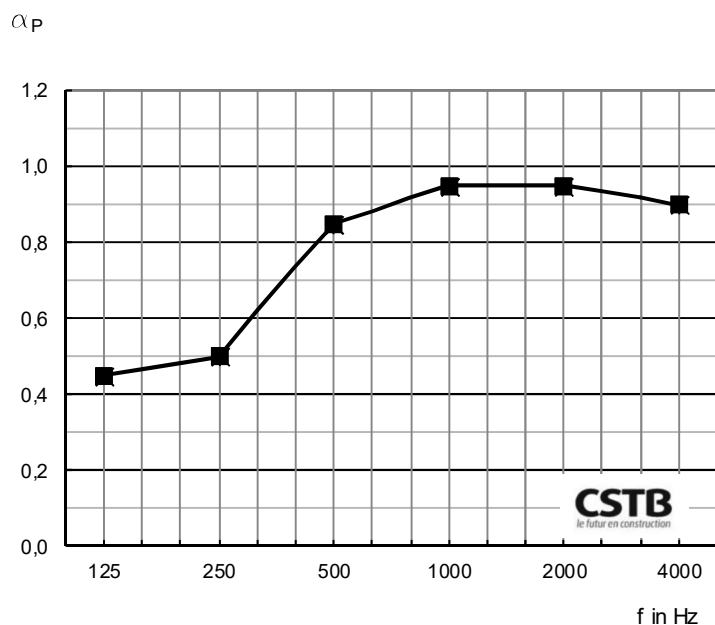
**MAIN CHARACTERISTICS**

Total test area in m<sup>2</sup> : 10.75  
Thickness of a baffle in mm : 40  
Mounting type : J

**MEASUREMENT CONDITIONS**

**Empty room:** Temperature: 23,5 °C  
**Room with sample:** Temperature: 23,0 °C  
Relative humidity: 64 % Relative humidity: 67 %

**RESULTS**



f	$\alpha_p$
125	0,45
250	0,50
500	0,85
1000	0,95
2000	0,95
4000	0,90
Hz	

$\alpha_w = 0,80$

Classement : B

NRC = 0,80

SAA = 0,82