

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

**Test 8**  
**Date 27/06/17**  
**Station ALPHA**

AA79

**REQUESTER, MANUFACTURER SAINT-GOBAIN ECOPHON**

**NAME Solo Baffle 1200 x 200 x 40**

**FITNESS FOR PURPOSE Unchecked**

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

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

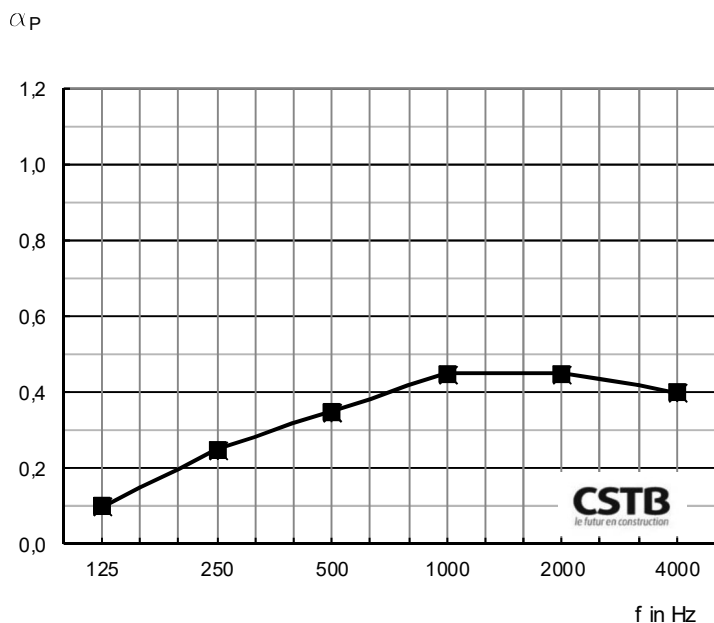
**MAIN CHARACTERISTICS**

Total test area in m<sup>2</sup> : 11.46  
Thickness of a baffle in mm : 40  
Mounting type : J

**MEASUREMENT CONDITIONS**

**Empty room:** Temperature: 23.0 °C  
**Room with sample:** Temperature: 23.5 °C  
Relative humidity: 69 % Relative humidity: 70 %

**RESULTS**



f	$\alpha_p$
125	0,10
250	0,25
500	0,35
1000	0,45
2000	0,45
4000	0,40
Hz	

$\alpha_w = 0,45$

Classement : D

NRC = 0,40

SAA = 0,37