

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

**Test 17**  
**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  
400 mm

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

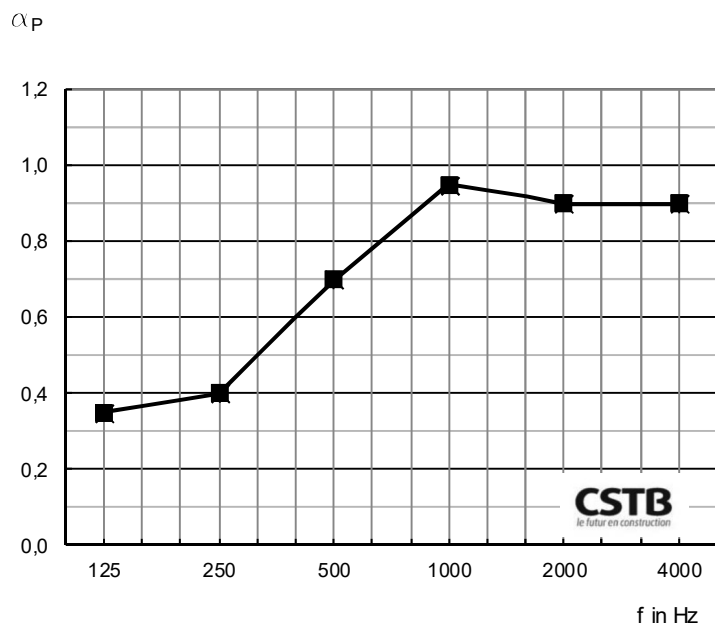
**MAIN CHARACTERISTICS**

Total test area in m<sup>2</sup> : 11,46  
Thickness of a baffle in mm : 40  
Mounting type : J

**MEASUREMENT CONDITIONS**

**Empty room:** Room with sample:  
Temperature: 23,5 °C Temperature: 24,0 °C  
Relative humidity: 64 % Relative humidity: 64 %

**RESULTS**



f	$\alpha_p$
125	0,35
250	0,40
500	0,70
1000	0,95
2000	0,90
4000	0,90
Hz	

$\alpha_w = 0,70$  (MH) \*

Classement : C

NRC = 0,75

SAA = 0,74

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