

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

**Test 7**  
**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  
400 mm

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

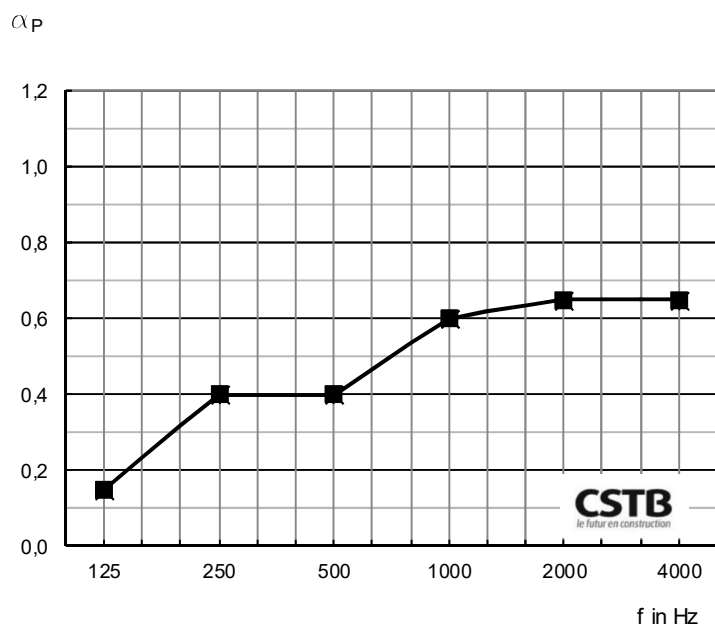
**MAIN CHARACTERISTICS**

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: 23.0 °C Temperature: 23.0 °C  
Relative humidity: 69 % Relative humidity: 70 %

**RESULTS**



f	$\alpha_p$
125	0,15
250	0,40
500	0,40
1000	0,60
2000	0,65
4000	0,65
Hz	

$\alpha_w = 0,50$  (H) \*

Classement : D

NRC = 0,55

SAA = 0,51

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