

**SOUND ABSORPTION COEFFICIENT α_p
OF BAFFLES**

AA79

Test 4
Date 27/06/17
Station ALPHA

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
600 mm

STANDARDS EN ISO 354, EN ISO 11654 and EN 16487

MAIN CHARACTERISTICS

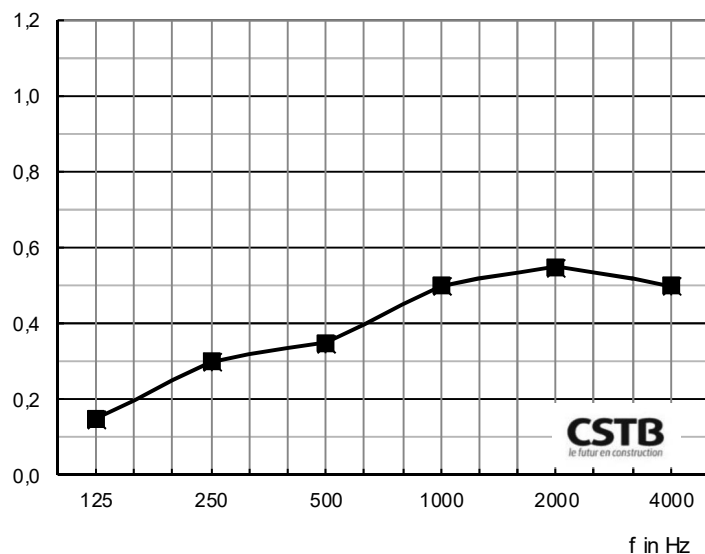
Total test area in m² : 10.75
Thickness of a baffle in mm : 40
Mounting type : J

MEASUREMENT CONDITIONS

Empty room: Temperature: 23.0 °C
Relative humidity: 68 %
Room with sample: Temperature: 23.5 °C
Relative humidity: 69 %

RESULTS

α_p



f	α_p
125	0,15
250	0,30
500	0,35
1000	0,50
2000	0,55
4000	0,50
Hz	

$\alpha_w = 0,45$

Classement : D

NRC = 0,45

SAA = 0,43