

**SOUND ABSORPTION COEFFICIENT α_p
OF Baffles**

Test **14**
Date **27/06/17**
Station **ALPHA**
AA79

REQUESTER, MANUFACTURER SAINT-GOBAIN ECOPHON
NAME Solo Baffle 1200 x 300 x 40
FITNESS FOR PURPOSE Unchecked
CONFIGURATION 300 mm overall depth of construction, oriented in rows cc 800 mm
STANDARDS EN ISO 354, EN ISO 11654 and EN 16487

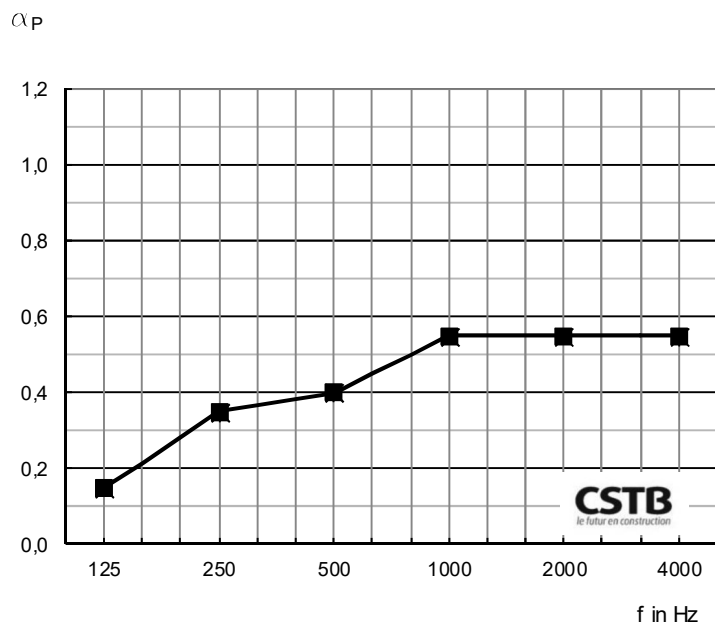
MAIN CHARACTERISTICS

Total test area in m² : 11,46
Thickness of a baffle in mm : 40
Mounting type : J

MEASUREMENT CONDITIONS

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

RESULTS



f	α_p
125	0,15
250	0,35
500	0,40
1000	0,55
2000	0,55
4000	0,55
Hz	

$\alpha_w = 0,50$

Classement : D

NRC = 0,45

SAA = 0,46