

**EQUIVALENT SOUND ABSORPTION AREA A  
OF A BAFFLE**

Test 17  
Date 23/10/14  
Station ALPHA

AA45

**REQUESTER, MANUFACTURER** SAINT GOBAIN ECOPHON  
**NAME** Solo Baffle 40 mm  
**FITNESS FOR PURPOSE** Unchecked  
**STANDARDS** EN ISO 354, EN ISO 11654, prEN 16487  
**CONFIGURATION** 600 mm overall depth of construction, oriented in rows cc 600 mm

**MAIN CHARACTERISTICS**

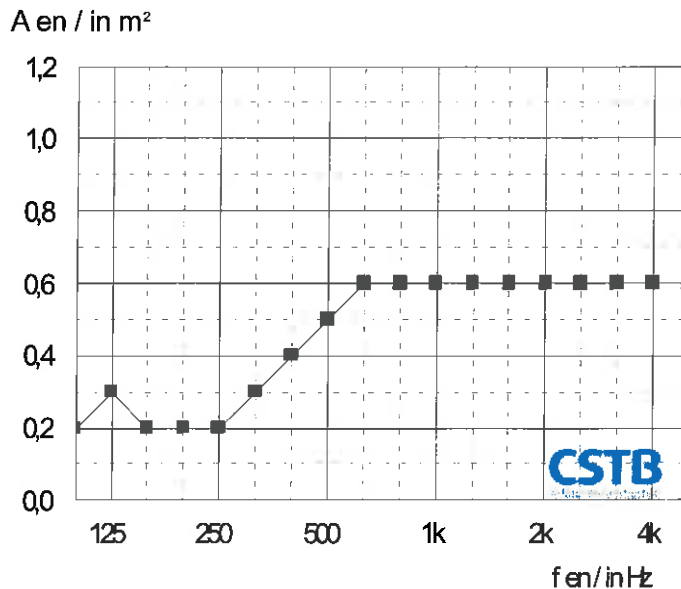
Dimensions in mm : 3000 x 3600  
Area in m<sup>2</sup> : 10.8  
Thickness in mm : 40  
Mass per unit area in kg/m<sup>2</sup> : 4.2  
Mounting type : J

**MEASUREMENT CONDITIONS**

**Empty room:** Temperature: 22.0°C  
Relative humidity: 49%  
**Room with sample:** Temperature: 22.0°C  
Relative humidity: 46%

**RESULTS**

Equivalent sound absorption area for one unit



f	A
100	0,2
125	0,3
160	0,2
200	0,2
250	0,2
315	0,3
400	0,4
500	0,5
630	0,6
800	0,6
1000	0,6
1250	0,6
1600	0,6
2000	0,6
2500	0,6
3150	0,6
4000	0,6
5000	0,6
Hz	m <sup>2</sup>