

**EQUIVALENT SOUND ABSORPTION AREA A  
OF A PANEL**

Test 3  
Date 22/10/14  
Station ALPHA

AA45

**REQUESTER, MANUFACTURER** SAINT GOBAIN ECOPHON  
**NAME** Solo Square 40 mm  
**FITNESS FOR PURPOSE** Unchecked  
**STANDARDS** EN ISO 354, EN ISO 11654, prEN 16487  
**CONFIGURATION** 3 objects, 200 mm overall depth of construction

**MAIN CHARACTERISTICS**

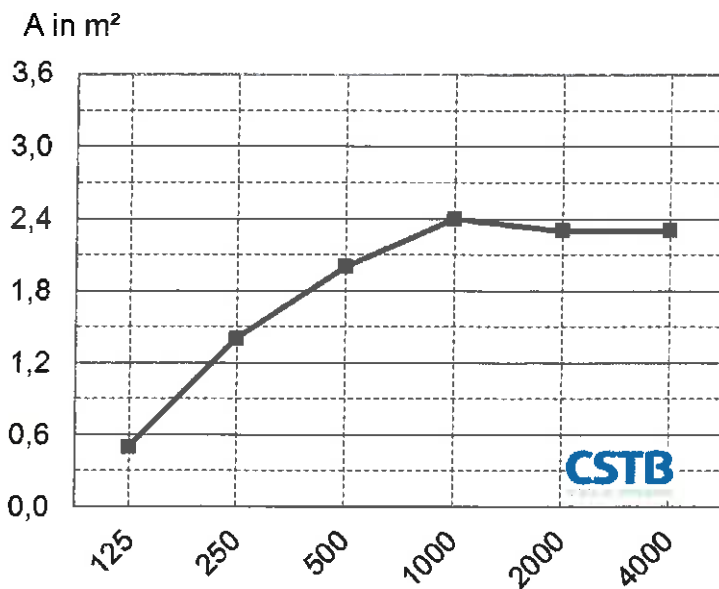
Dimensions of a panel in mm : 1200 x 1200  
Area of a panel in mm<sup>2</sup> : 1.4  
Thickness of a panel in mm : 40  
Mass per unit area in kg/m<sup>2</sup> : 4.5  
Mounting type : -

**MEASUREMENT CONDITIONS**

**Empty room:** Temperature: 22.0°C  
Relative humidity: 53%  
**Room with sample:** Temperature: 22.0°C  
Relative humidity: 52%

**RESULTS**

Equivalent sound absorption area for one unit



f	A
125	0,5
250	1,4
500	2,0
1000	2,4
2000	2,3
4000	2,3
Hz	m <sup>2</sup>