

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

Test 4
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, 400 mm overall depth of construction

MAIN CHARACTERISTICS

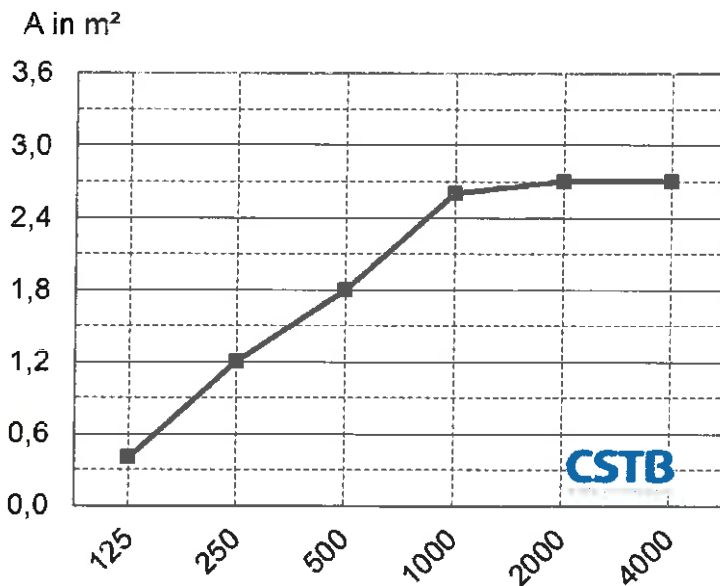
Dimensions of a panel in mm : 1200 x 1200
Area of a panel in mm² : 1.4
Thickness of a panel in mm : 40
Mass per unit area in kg/m² : 4.5
Mounting type : -

MEASUREMENT CONDITIONS

Empty room: Temperature: 22.0°C
Relative humidity: 53%
Room with sample: Temperature: 22.0°C
Relative humidity: 51%

RESULTS

Equivalent sound absorption area for one unit



f	A
125	0,4
250	1,2
500	1,8
1000	2,6
2000	2,7
4000	2,7
Hz	m ²