

**EQUIVALENT SOUND ABSORPTION AREA A
OF WALL PANELS**

Test 3
Date 20/10/15
Station ALPHA

AA74

REQUESTER, MANUFACTURER SAINT-GOBAIN ECOPHON
NAME Akusto One 600 x 600
FITNESS FOR PURPOSE Unchecked
STANDARDS EN ISO 354, EN 16487
CONFIGURATION Total depth of construction: 47 mm

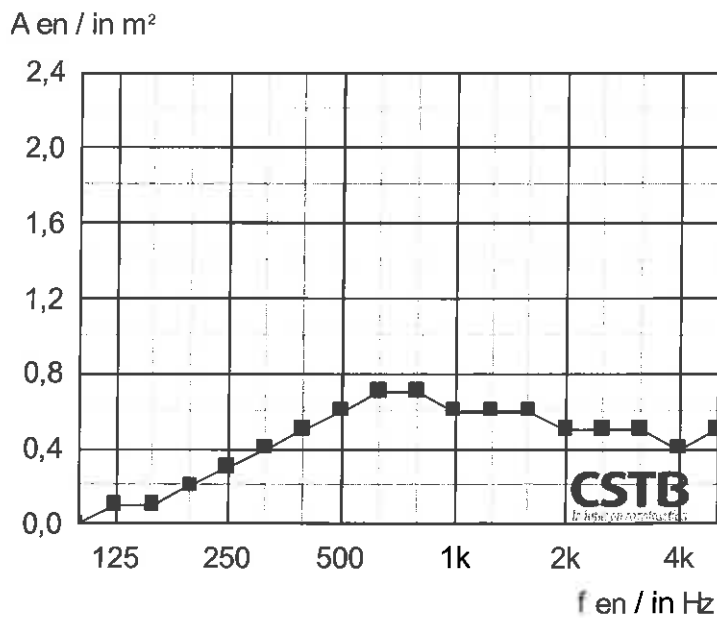
MAIN CHARACTERISTICS

Dimensions of one panel : 600 x 600
Thickness in mm : 40
Mass per unit area in kg/m²: 4.59

MEASUREMENT CONDITIONS

Empty room: Temperature: 21.5 °C
Relative humidity: 56 %
Room with sample: Temperature: 21.5 °C
Relative humidity: 55 %

RESULTS



f	A
100	0,0
125	0,1
160	0,1
200	0,2
250	0,3
315	0,4
400	0,5
500	0,6
630	0,7
800	0,7
1000	0,6
1250	0,6
1600	0,6
2000	0,5
2500	0,5
3150	0,5
4000	0,4
5000	0,5
Hz	m ²