

**SOUND ABSORPTION COEFFICIENT α_s
OF SUSPENDED CEILING PANELS**

Test 7
Date 08/21/15
Station ALPHA

AA45

REQUESTER, MANUFACTURER SAINT-GOBAIN ECOPHON

NAME Gedina E T24 15 mm

FITNESS FOR PURPOSE Unchecked

CONFIGURATION 200 mm overall depth of construction

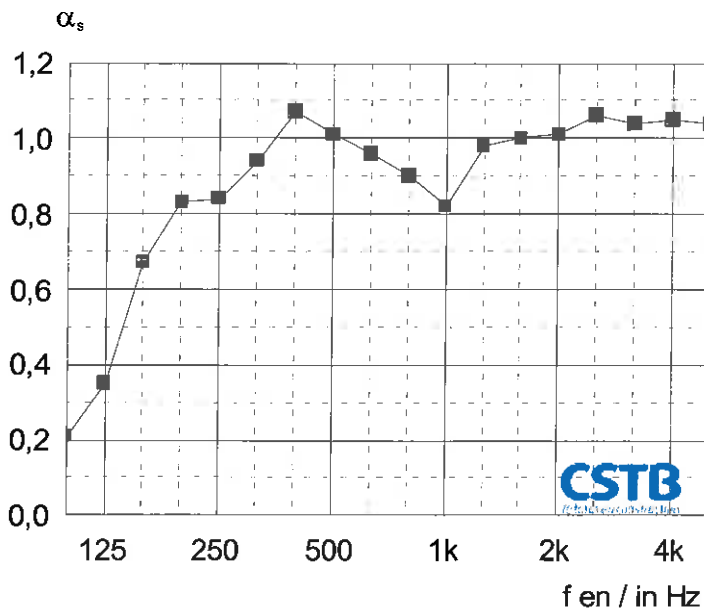
MAIN CHARACTERISTICS

Dimensions in mm : 2915 x 3498
Area in m² : 10.32
Thickness in mm : 15
Mass per unit area in kg/m²: 1.2
Mounting type : E-200

MEASUREMENT CONDITIONS

Empty room: Temperature: 22.3°C
Relative humidity: 70 %
Room with sample: Temperature: 23.0°C
Relative humidity: 67%

RESULTS



f	α_s
100	0,21
125	0,35
160	0,67
200	0,83
250	0,84
315	0,94
400	1,07
500	1,01
630	0,96
800	0,90
1000	0,82
1250	0,98
1600	1,00
2000	1,01
2500	1,06
3150	1,04
4000	1,05
5000	1,04
Hz	

$\alpha_w = 1,00$
classement / class: A