

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

Test 1
Date 12/10/12
Station ALPHA

AA45

REQUESTER ROCKFON A/S

MANUFACTURER

NAME Medicare Block

FITNESS FOR PURPOSE Unchecked

CONFIGURATION 200 mm high plenum

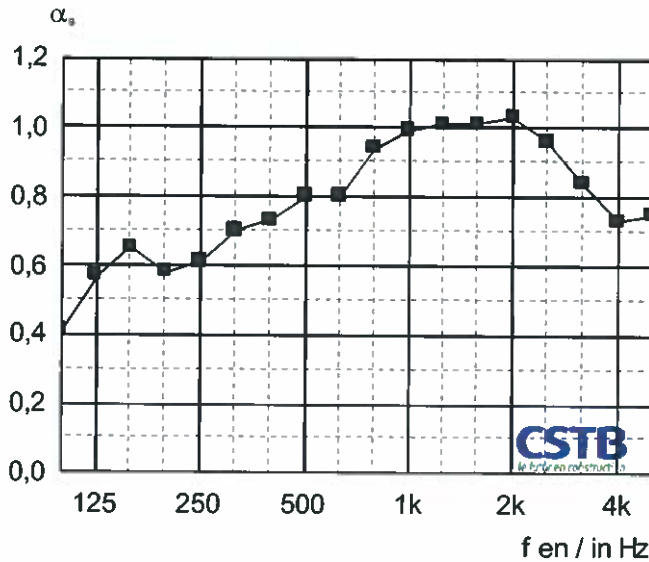
MAIN CHARACTERISTICS

Dimensions in mm : 3600 x 3000
Area in m² : 10.8
Thickness in mm : 25
Mass per unit area in kg/m² : 2.25
Mounting type : E-230

MEASUREMENT CONDITIONS

Empty room: Temperature: 20 °C
Relative humidity: 63 %
Room with sample: Temperature: 20 °C
Relative humidity: 68 %

RESULTS



f	α_s
100	0,41
125	0,57
160	0,65
200	0,58
250	0,61
315	0,70
400	0,73
500	0,80
630	0,80
800	0,94
1000	0,99
1250	1,01
1600	1,01
2000	1,03
2500	0,96
3150	0,84
4000	0,73
5000	0,75
Hz	

$\alpha_w = 0,85$

classement / class: B