

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

Test 9
Date 08/21/15
Station ALPHA

AA45

REQUESTER, MANUFACTURER SAINT-GOBAIN ECOPHON
NAME Master F 40 mm
FITNESS FOR PURPOSE Unchecked
CONFIGURATION 60 mm overall depth of construction

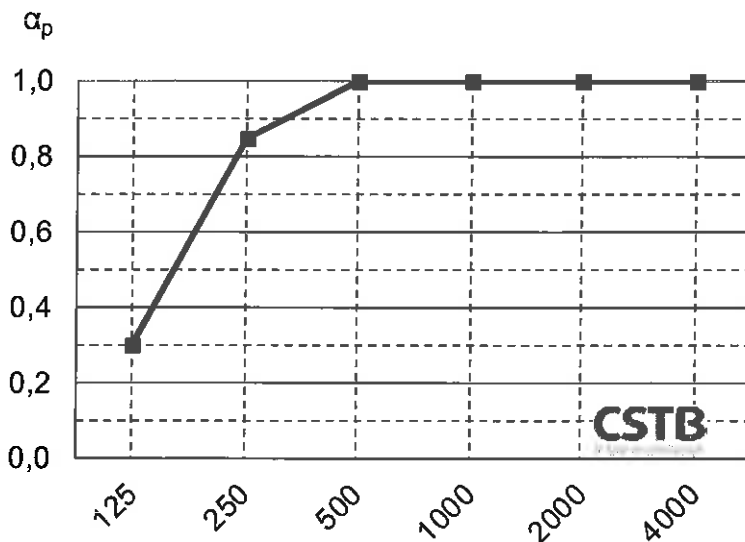
MAIN CHARACTERISTICS

Dimensions in mm : 3000 x 3600
Area in m² : 10.8
Thickness in mm : 40
Mass per unit area in kg/m²: 4.4
Mounting type : E-60

MEASUREMENT CONDITIONS

Empty room: Temperature: 22.3°C
Relative humidity: 70 %
Room with sample: Temperature: 23.3°C
Relative humidity: 64%

RESULTS



f	α_p
125	0,30
250	0,85
500	1,00
1000	1,00
2000	1,00
4000	1,00
Hz	

$\alpha_w = 1$
classement / class: A

It is strongly recommended to use this single number rating in combination with the complete sound absorption coefficient curve.