

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

Test 6
Date 08/21/15
Station ALPHA

AA45

REQUESTER, MANUFACTURER SAINT-GOBAIN ECOPHON
NAME Hygiene Clinic E T24 15 mm
FITNESS FOR PURPOSE Unchecked
CONFIGURATION 60 mm overall depth of construction

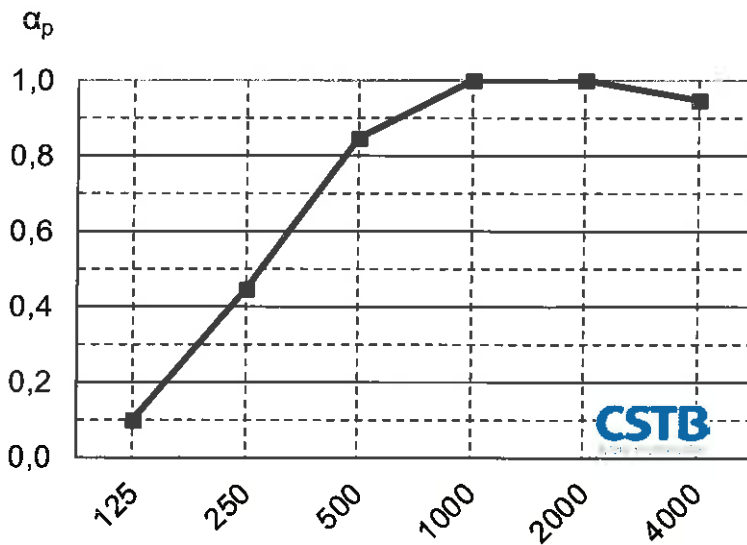
MAIN CHARACTERISTICS

Dimensions in mm : 2915 x 3498
Area in m² : 10.32
Thickness in mm : 15
Mass per unit area in kg/m²: 1.3
Mounting type : E-60

MEASUREMENT CONDITIONS

Empty room: Temperature: 22.3°C
Relative humidity: 70 %
Room with sample: Temperature: 23.1°C
Relative humidity: 66%

RESULTS



f	α_p
125	0,10
250	0,45
500	0,85
1000	1,00
2000	1,00
4000	0,95
Hz	

$\alpha_w = 0,75$
classement / class: C

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