

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

Test 7
Date 14/05/14
Station ALPHA

AA45

REQUESTER, MANUFACTURER SAINT GOBAIN ECOPHON

NAME Focus Ds 20 mm

FITNESS FOR PURPOSE Unchecked

STANDARDS EN ISO 354, EN ISO 11654, prEN 16487

CONFIGURATION 65 mm overall depth of construction

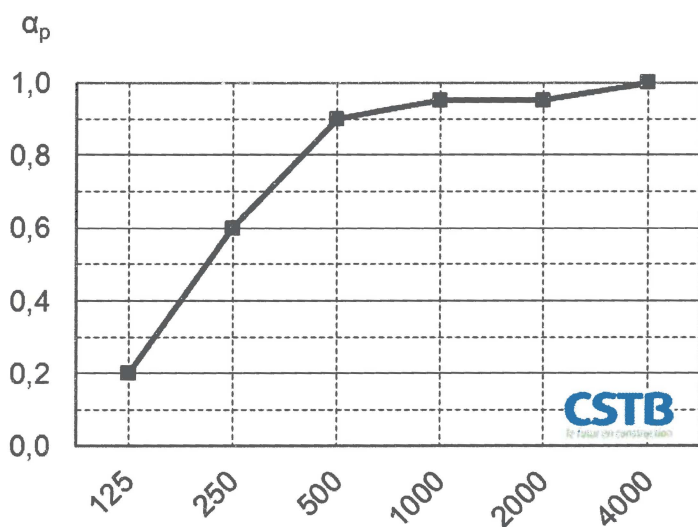
MAIN CHARACTERISTICS

Dimensions in mm : 3000 x 3600
Area in m² : 10.8
Thickness in mm : 20
Mass per unit area in kg/m²: 2.3
Mounting type : E-65

MEASUREMENT CONDITIONS

Empty room: Temperature: 18.0°C
Relative humidity: 62%
Room with sample: Temperature: 19.0°C
Relative humidity: 56%

RESULTS



f	α_p
125	0,20
250	0,60
500	0,90
1000	0,95
2000	0,95
4000	1,00
Hz	

$\alpha_w = 0,90$

classement / class: A

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