

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

Test 1
Date 14/05/14
Station ALPHA
AA45

REQUESTER, MANUFACTURER SAINT GOBAIN ECOPHON
NAME Focus A 20 mm
FITNESS FOR PURPOSE Unchecked
STANDARDS EN ISO 354, EN ISO 11654, prEN 16487
CONFIGURATION 50 mm overall depth of construction

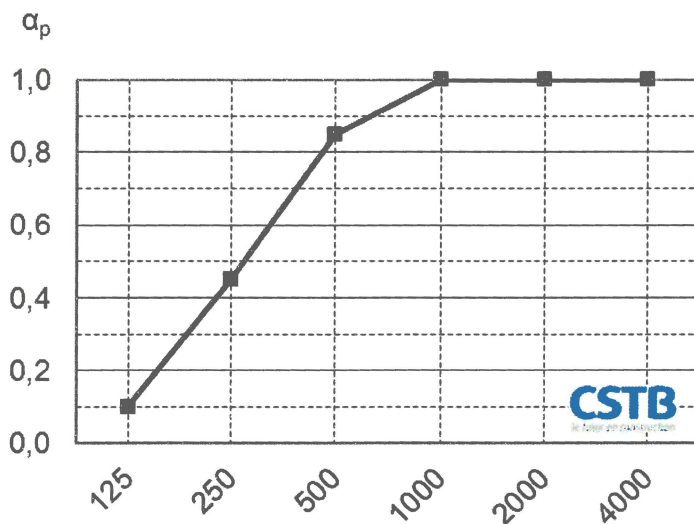
MAIN CHARACTERISTICS

Dimensions in mm : 2960 x 3550
Area in m² : 10.5
Thickness in mm : 20
Mass per unit area in kg/m²: 1.5
Mounting type : E-50

MEASUREMENT CONDITIONS

Empty room: Temperature: 18.0°C
Relative humidity: 62%
Room with sample: Temperature: 18.5°C
Relative humidity: 58%

RESULTS



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

$\alpha_w = 0,75(MH)^*$
classement / class: C

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