

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

Test 4
Date 31/08/16
Station ALPHA

AA45

REQUESTER. MANUFACTURER SAINT-GOBAIN ECOPHON
NAME FOCUS Ez
CONFIGURATION Total depth of construction: 60 mm
STANDARDS EN ISO 354. EN ISO 11654. EN 16487
FITNESS FOR PURPOSE Unchecked

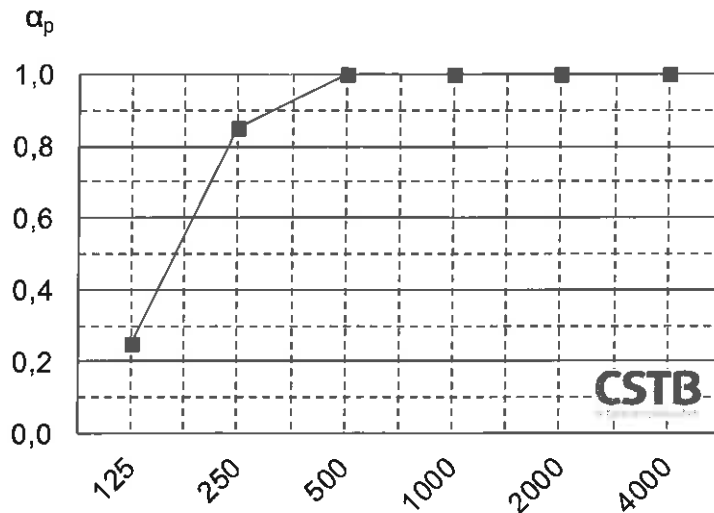
MAIN CHARACTERISTICS

MEASUREMENT CONDITIONS

Dimensions in mm : 3510 x 2890
Area in m² : 10.14
Thickness in mm : 40
Mass per unit area in kg/m²: 3.29
Mounting type : E-60

Empty room: Temperature: 25 °C
Relative humidity: 58 %
Room with sample: Temperature: 25 °C
Relative humidity: 61 %

RESULTS



f	α_p
100	
125	0,25
160	
200	
250	0,85
315	
400	
500	1,00
630	
800	
1000	1,00
1250	
1600	
2000	1,00
2500	
3150	
4000	1,00
5000	
Hz	

$\alpha_w = 1,00$
classement / class A

NRC = 1,00
SAA = 0,99