

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

AA45

Test 3
Date 31/08/16
Station ALPHA

REQUESTER. MANUFACTURER SAINT-GOBAIN ECOPHON
NAME FOCUS Ez
CONFIGURATION Total depth of construction: 200 mm
STANDARDS EN ISO 354. EN ISO 11654. EN 16487
FITNESS FOR PURPOSE Unchecked

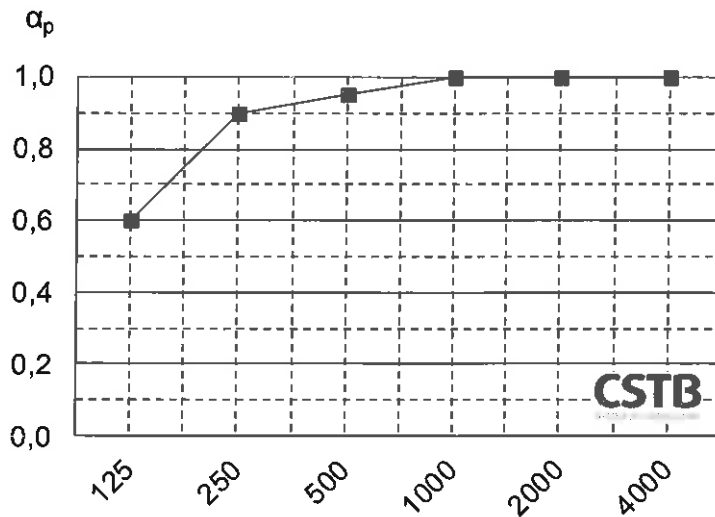
MAIN CHARACTERISTICS

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-200

MEASUREMENT CONDITIONS

Empty room: Temperature: 25 °C
Relative humidity: 60 %
Room with sample: Temperature: 25 °C
Relative humidity: 61 %

RESULTS



f	α_p
100	
125	0,60
160	
200	
250	0,90
315	
400	
500	0,95
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 = 0,97