

**SOUND ABSORPTION COEFFICIENT  $\alpha_s$   
OF SUSPENDED CEILING PANELS**

**Test 6**  
**Date 12/12/17**  
**Station ALPHA**

AA45

**REQUESTER. MANUFACTURER** SAINT-GOBAIN ECOPHON  
**NAMES** Focus A with Extra Bass  
**CONFIGURATION** 200 mm overall depth of construction  
**STANDARDS** EN ISO 354, EN ISO 11654, EN 16487  
**FITNESS FOR PURPOSE** Unchecked

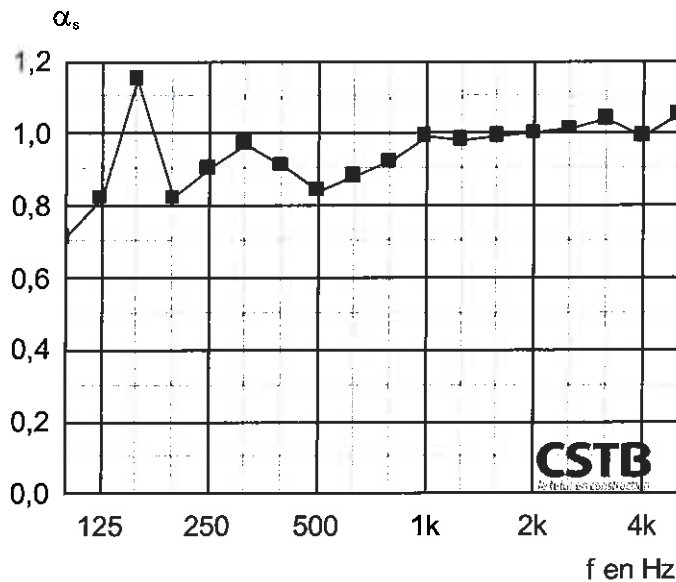
**MAIN CHARACTERISTICS**

Dimensions in mm : 3555 x 2963  
Area in m<sup>2</sup> : 10.55  
Thickness in mm : 70  
Mass per unit area in kg/m<sup>2</sup>: 2.51  
Mounting type : E-200

**MEASUREMENT CONDITIONS**

**Empty room:** Temperature: 21 °C  
**Room with sample:** Temperature: 21 °C  
Relative humidity: 50 % Relative humidity: 52 %

**RESULTS**



f	$\alpha_s$
100	0,71
125	0,82
160	1,15
200	0,82
250	0,90
315	0,97
400	0,91
500	0,84
630	0,88
800	0,92
1000	0,99
1250	0,98
1600	0,99
2000	1,00
2500	1,01
3150	1,04
4000	0,99
5000	1,05
Hz	

$\alpha_w = 0,95$

**Classement / Class A**

NRC = 0,95

SAA = 0,93