

**EQUIVALENT SOUND ABSORPTION AREA
OF SUSPENDED CEILING PANELS**

Test 19
Date 29/09/14
Station ALPHA
AA45

REQUESTER, MANUFACTURER SAINT GOBAIN ECOPHON
NAME Master Matrix 40 mm
FITNESS FOR PURPOSE Unchecked
STANDARDS EN ISO 354, EN ISO 11654, prEN 16487
CONFIGURATION A cluster of 4 panels on 255 overall depth of construction

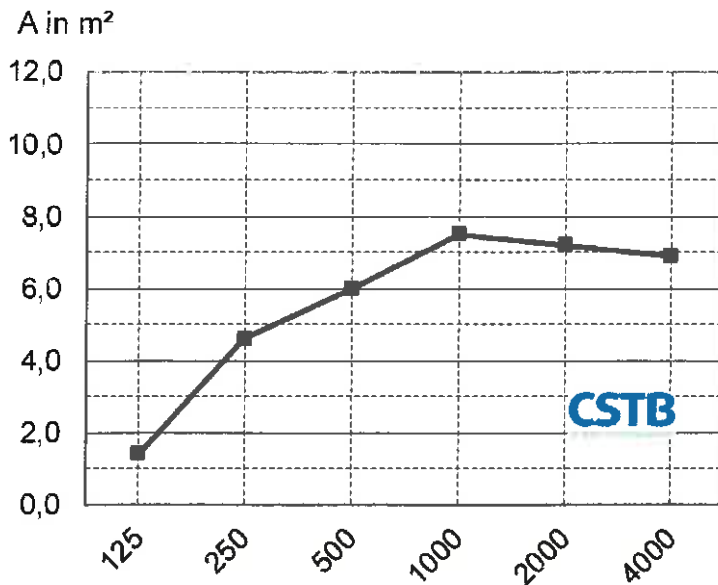
MAIN CHARACTERISTICS

Dimensions in mm : 1000 x 4760
Area in m² : 4.8
Thickness in mm : 40
Mass per unit area in kg/m²: 3.7
Mounting type : J

MEASUREMENT CONDITIONS

Empty room: Temperature: 20.0°C
Relative humidity: 69%
Room with sample: Temperature: 20.5°C
Relative humidity: 71%

RESULTS



f	A
125	1,4
250	4,6
500	6,0
1000	7,5
2000	7,2
4000	6,9
Hz	m ²