

Calculation of absorption coefficients According to standards NF EN ISO 11654, NF EN ISO 354 and ASTM C-423

Type :	Mousse PVC 580g/m ² / épaisseur:15/10°
Trademark :	QuickMousse / TEXDECOR
Support :	Sample glued to BA13 plate

Ref. SIM :	003G07
Date :	12/02/2017
Temperature	15 °C
Sample area	12 m ²
Room volume	192 m ³
Deducted celerity	339.4 m/s



α_w :	0.15
--------------	-------------

Absorption index NRC :	0.10
------------------------	-------------

Measuring table

Fréquences [Hz]	TR Empty [s]	TR laid down [s]	Coef. α
125	5.34	4.80	0.06
250	6.25	5.68	0.04
500	7.38	5.90	0.09
1000	6.96	5.32	0.12
2000	5.65	4.34	0.14
4000	4.02	3.23	0.16

Graphic

