

Acoustic Report

powered by Artnovion™ Room Treatment Calculator

Client | **Midiware**

Project Number | Art.td.1330.PA.1.20 B

Date | 21/02/2020

Room Main Function | Rehearsal Room



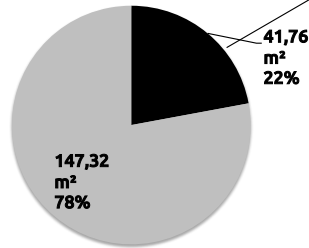
Room Data with Acoustic Solution

60% We propose RT reduction

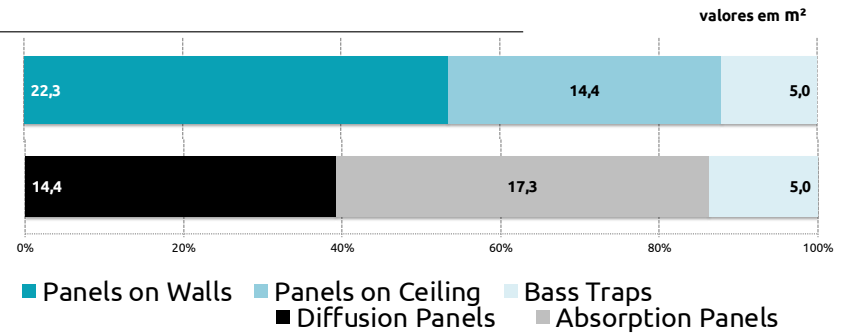
(average according to the following details)

Rt	Low	Mid	High
Before	2,31	2,98	2,54
After	1,21	0,98	0,96
Reduction %	-48%	-67%	-62%

Acoustic Intervention Area



Acoustic Treatment Distribution Area



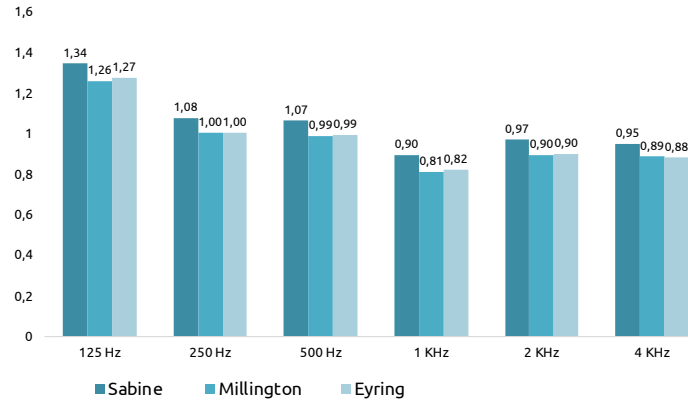
Acoustic Solution Response

Sabine After Treatment

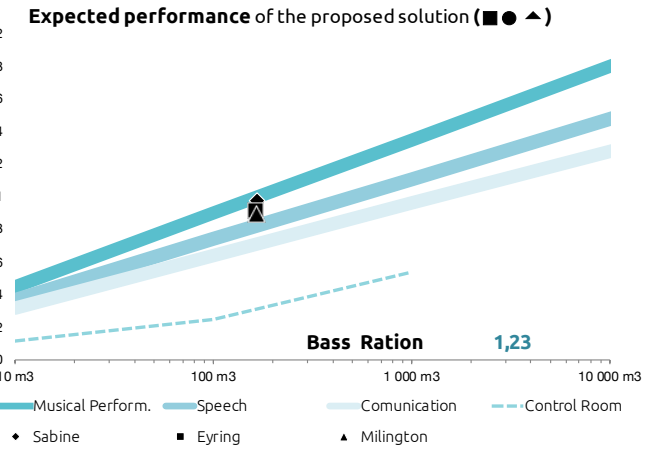
(average)	125 Hz	250 Hz	500 Hz	1 KHz	2 KHz	4 KHz
a W1	0,11	0,15	0,18	0,22	0,17	0,16
a W2	0,18	0,12	0,06	0,05	0,06	0,05
a W3	0,09	0,14	0,17	0,21	0,16	0,16
a W4	0,15	0,17	0,16	0,18	0,14	0,12
a W5	-	-	-	-	-	-
a W6	-	-	-	-	-	-
a W7	-	-	-	-	-	-
a floor	0,09	0,09	0,09	0,09	0,10	0,10
a ceiling	0,05	0,13	0,16	0,21	0,23	0,24

(average absorption per surface)

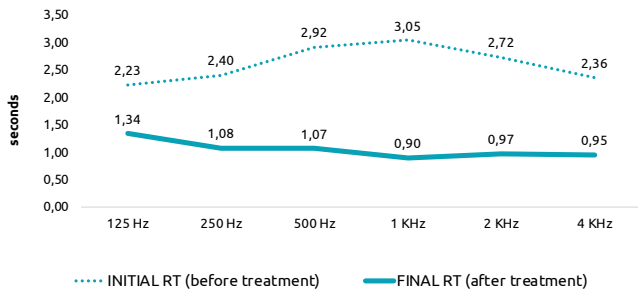
RT After Treatment



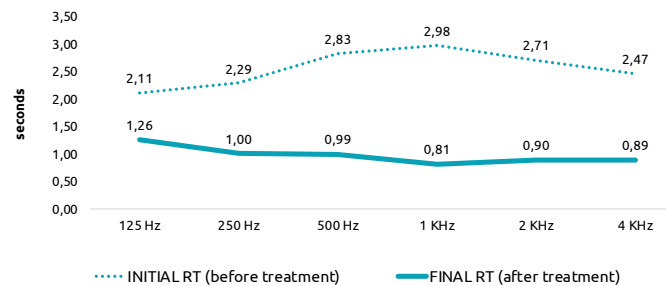
Targeted RTs for different types of usage



Compared Analysis - Sabine



Compared Analysis - Millington



Compared Analysis - Eyring

