

Xrozz Absorption 1400 x 600

SOUND ABSORPTION AREA - CALCULATED FROM MEASUREMENTS

Calculated sound absorption area from ISO 354:2003 reverberation room measurements, evaluated according to ISO 20189:2018



Report number:
21-720-M4
Date
2021-07-12

| Frequency f [Hz] | Sound absorption area per object [m ² Sabine] | |
|------------------------|----------------------------------------------------------------|------|
| 50 | 0.17 | |
| 63 | 0.17 | 0.18 |
| 80 | 0.21 | |
| 100 | 0.14 | |
| 125 | 0.33 | 0.29 |
| 160 | 0.41 | |
| 200 | 0.61 | |
| 250 | 0.59 | 0.64 |
| 315 | 0.71 | |
| 400 | 0.91 | |
| 500 | 0.96 | 1.0 |
| 630 | 1.19 | |
| 800 | 1.31 | |
| 1000 | 1.42 | 1.4 |
| 1250 | 1.47 | |
| 1600 | 1.44 | |
| 2000 | 1.44 | 1.5 |
| 2500 | 1.61 | |
| 3150 | 1.52 | |
| 4000 | 1.58 | 1.6 |
| 5000 | 1.75 | |

Client: Boom Interior
 Manufacturer: Boom Interior
 Product identification: Xrozz Absorption

Description of test specimen: Table screen 1400 x 600 x 50 mm.

Interpolation according to ISO 20189:2018
 appendix E, based on measurements:

21-720-M3 Xrozz Absorption 1200x600x50.txt
 and
 21-720-M10 Xrozz Absorption 1200x800x50.txt

| | Height | Width |
|--------------------------|--------|-------|
| Object 1 size | 600 | 1200 |
| Object 2 size | 800 | 1200 |
| Interpolated object size | 600 | 1400 |
| Area difference 13 % | | |

$N_{10} = 10$

