

# Xrozz Floor Screen 1000 x 1200

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-M18  
Date  
2021-07-12

| Frequency<br>f<br>[Hz] | Sound absorption<br>area per object<br>[m <sup>2</sup> Sabine] |      |
|------------------------|--|------|
| 50                     | 0.32   |      |
| 63                     | 0.29   | 0.30 |
| 80                     | 0.30   |      |
| 100                    | 0.25   |      |
| 125                    | 0.53   | 0.45 |
| 160                    | 0.57   |      |
| 200                    | 0.88   |      |
| 250                    | 0.82   | 0.91 |
| 315                    | 1.02   |      |
| 400                    | 1.23   |      |
| 500                    | 1.41   | 1.5  |
| 630                    | 1.73   |      |
| 800                    | 1.89   |      |
| 1000                   | 1.92   | 1.9  |
| 1250                   | 2.02   |      |
| 1600                   | 1.92   |      |
| 2000                   | 2.02   | 2.1  |
| 2500                   | 2.29   |      |
| 3150                   | 2.19   |      |
| 4000                   | 2.26   | 2.3  |
| 5000                   | 2.44   |      |

Client: Boom Interior  
 Manufacturer: Boom Interior  
 Product identification: Xrozz Floor Screen  
 Description of test specimen: Floor screen 1000 x 1200 x 50 mm.

Interpolation according to ISO 20189:2018 appendix E, based on measurements:  
 21-720-M15 Xrozz Floor Screen 800x1400x50.txt  
 and  
 21-720-M16 Xrozz Floor Screen 800x1600x50.txt

|                          | Height | Width |
|--------------------------|--------|-------|
| Object 1 size            | 1400   | 800   |
| Object 2 size            | 1600   | 800   |
| Interpolated object size | 1200   | 1000  |

Area difference 6 %

$N_{10} = 6.7$

