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Th. Höllein 15. Dezember 2025

Manufacturers Declaration

Based on several external and internal measurements (according to DIN EN ISO 10848-2 and DIN EN ISO 717-1) and internal calculations (according to DIN 4109 table 27) the following attenuation values can be expected:

system: OWAconstruct exposed grid system
OWAcoustic premium tile Sinfonia Privacy
20 mm thickness
tile dimension 594 x 594 mm / 1194 x 594 mm

DIN EN ISO 717-1 test result (Report P-BA 04/2023e)

suspension height = 700 mm:

→ $D_{n,f,w} = 40,5 \text{ dB}$

internal calculations (acc. to DIN 4109 table 27):

suspension height = 600 mm:

→ $D_{n,f,w} = 41 \text{ dB}$

suspension height = 400 mm:

→ $D_{n,f,w} = 43 \text{ dB}$

suspension height = 200 mm:

→ $D_{n,f,w} = 45 \text{ dB}$

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