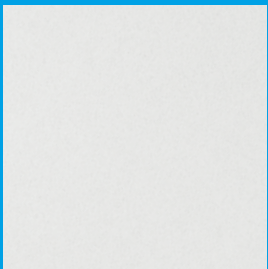


# KNAUF

## ELEGANZA Seamless Acoustics



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ELEGANZA Seamless Acoustics offers a ground breaking new system with a 100% seamless finish featuring an elegant finely textured visual that is durable and stays whiter and brighter for longer. ELEGANZA Seamless Acoustics delivers Class A acoustical absorption performance so you can have the best of both worlds: outstanding acoustic control and a stunning seamless finish.

- Excellent sound absorption (0.95  $\alpha_w$ )
- Enhanced endurance against surface pollution due to a sophisticated backfoil technology
- Ideal for restaurants, retail and leisure, office, education and residential

**Build on us.**

Characteristics	Detailed information															
Edge details		Seamless 														
Dimensions (mm)		2400 x 1200 (panel)														
Thickness (mm)		25														
Weight		Panel weight: <b>5.4 kg/m<sup>2</sup></b> Finished ceiling <sup>1)</sup> : <b>7.1 kg/m<sup>2</sup></b>														
System		Seamless - Eleganza														
Colour		White (RAL colours available on request)														
Fire reaction		Euroclass <b>A2-s1, d0</b> <sup>2)</sup> as per EN 13501-1														
Sound absorption		EN ISO 354 $\alpha_w = \mathbf{0.95}$ as per EN ISO 11654 - <b>Class A</b>														
		<table border="1"> <thead> <tr> <th>Frequency f (Hz)</th> <th>125</th> <th>250</th> <th>500</th> <th>1000</th> <th>2000</th> <th>4000</th> </tr> </thead> <tbody> <tr> <td><math>\alpha_p</math></td> <td>0.45</td> <td>0.80</td> <td>0.90</td> <td>0.95</td> <td>1.00</td> <td>1.00</td> </tr> </tbody> </table>	Frequency f (Hz)	125	250	500	1000	2000	4000	$\alpha_p$	0.45	0.80	0.90	0.95	1.00	1.00
		Frequency f (Hz)	125	250	500	1000	2000	4000								
$\alpha_p$	0.45	0.80	0.90	0.95	1.00	1.00										
NRC = <b>0.95</b> as per ASTM C 423																
Sound attenuation		EN ISO 10848-2 $D_{n,f,w} = \mathbf{33 dB}$ as per EN ISO 717-1 CAC = <b>33 dB</b> as per ASTM E 413-10														
Sound reduction		EN ISO 10140-2 $R_w = \mathbf{18 dB}$ as per EN ISO 717-1														
Light reflectance		Up to <b>84%</b> (white)														
Thermal conductivity		$\lambda = \mathbf{0.038 W/mK}$ as per EN 12667														
Humidity resistance		<b>95% RH</b>														
Indoor air quality																
Cleanability																
Sustainability		<b>67%</b> <sup>2)</sup> (2023)														

1) Finished ceiling without substructure. This weight is indicative and may vary depending on the specifics of the installation, wastage, and application rates.  
2) Applies only to the panel.