




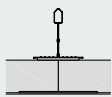

















**KNAUF**CEILING  
Solutions

## DATASHEET ELEGANZA



- 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 a sophisticated backfoil technology
- Ideal for restaurants, retail and leisure, office, education and residential

<b>Edge details</b>		Seamless 														
<b>Thickness (mm)</b>		25														
<b>Dimensions (mm)</b>		2400 x 1200 (panel)														
<b>System</b>		Seamless - Eleganza														
<b>Weight</b>		Panel weight: 5.4 kg/m <sup>2</sup> Finished ceiling <sup>1)</sup> : 7.1 kg/m <sup>2</sup>														
<b>Colour</b>		White (RAL colours available on request)														
<b>Sound absorption</b>		EN ISO 354 $\alpha_w = \mathbf{0.95}$ as per EN ISO 11654 - <b>Class A</b> <table border="1" data-bbox="523 835 1476 913"> <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> NRC = <b>0.95</b> as per ASTM C 423	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										
<b>Sound attenuation</b>		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														
<b>Sound reduction</b>		EN ISO 10140-2 $R_w = \mathbf{18 dB}$ as per EN ISO 717-1														
<b>Fire reaction</b>		Euroclass <b>A2-s1, d0</b> <sup>2)</sup> as per EN 13501-1														
<b>Light reflectance</b>		Up to <b>84%</b> (white)														
<b>Thermal conductivity</b>		$\lambda = \mathbf{0.038 W/mk}$ as per EN 12667														
<b>Humidity resistance</b>		<b>95% RH</b>														
<b>Indoor air quality</b>		 A+  IACG														
<b>Cleanability</b>																
<b>Sustainability</b>		67% <sup>2)</sup>														

<sup>1)</sup> Finished ceiling without substructure. This weight is indicative and may vary depending on the specifics of the installation, wastage, and application rates.

<sup>2)</sup> Applies only to the panel.

For further information please check the ELEGANZA installation guideline.

Products may vary from country to country. Please contact your local sales representative.  
For further information and legal notice, please visit our website.