




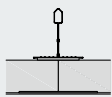

















KNAUFCEILING
Solutions

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 α_w)
- Enhanced endurance against surface pollution due to a sophisticated backfoil technology
- Ideal for restaurants, retail and leisure, office, education and residential

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

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.

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.