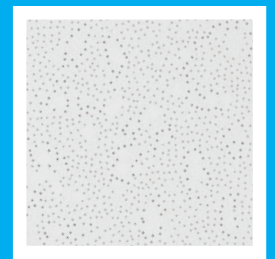




**KNAUF**CEILING  
Solutions

## DATASHEET

# Star Complete



- With its perforated surface, Star Complete offers an elegant, modern solution for spaces that require good sound absorption
- Good sound absorption (0.70  $\alpha_w$ )
- Good sound attenuation (34 dB)
- Excellent light reflectance (88%)
- Ideal for retail, offices and meeting rooms, installation rooms or production areas

<b>Edge details</b> Additional edge details on request		Board 	Tegular 24 	Tegular 15 				
<b>Thickness (mm)</b>		15	15	15				
<b>Dimensions (mm)</b> Additional sizes on request		600 x 600 625 x 625 1200 x 600	600 x 600 625 x 625 1200 x 600	600 x 600 1200 x 600				
<b>System</b>		Exposed demountable - System C						
<b>Weight</b>		4.0 kg / m <sup>2</sup>						
<b>Colour</b>		 White						
<b>Sound absorption</b>		EN ISO 354 $\alpha_w = \mathbf{0.70}$ as per EN ISO 11654 - <b>Class C</b>						
		Frequency f (Hz)	125	250	500	1000	2000	4000
		$\alpha_p$	0.50	0.65	0.70	0.80	0.75	0.50
		NRC = <b>0.70</b> as per ASTM C 423						
<b>Sound attenuation</b>		EN ISO 10848-2 $D_{n,f,w} = \mathbf{34 dB}$ as per EN ISO 717-1			CAC = <b>35 dB</b> as per ASTM E 413-10			
<b>Sound reduction</b>		EN ISO 10140-2 $R_w = \mathbf{21 dB}$ as per EN ISO 717-1						
<b>Fire reaction</b>		Euroclass <b>A2-s1, d0</b> as per EN 13501-1 <b>Class A</b> as per ASTM E 84						
<b>Light reflectance</b>		<b>88%</b>						
<b>Thermal conductivity</b>		$\lambda = \mathbf{0.060 W/mk}$ as per EN 12667						
<b>Air permeability</b>		<b>PM1</b> ( $\leq 30 \text{ m}^3/\text{hm}^2$ ) as per DIN 18177						
<b>Humidity resistance</b>		<b>95% RH</b>						
<b>Indoor air quality</b>		 A+	 E1					
<b>Cleanability</b>								
<b>Sustainability</b>		 EN ISO 14021 43%	 EN ISO 14025	 BIOSOLUBLE WOOL EC 1272/2008 Annex Q	 <a href="http://www.blauer-engele.de/uz132">www.blauer-engele.de/uz132</a>			

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