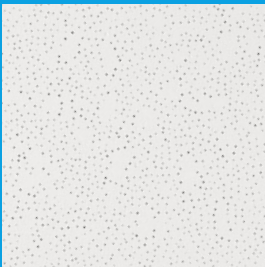


# KNAUF

## STAR 15mm



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STAR 15mm features fine, uneven perforations with a smooth surface finish, and meets the needs for a modern, elegant design visual

- Good sound absorption ( $0.60 \alpha_w$ )
- Good sound attenuation (34 dB)
- Excellent light reflectance (88%)
- Ideal for retail, offices and meeting rooms, installation rooms or production areas

**Build on us.**

Characteristics		Detailed information						
Edge details		Board	Tegular 24	Tegular 15	K2C2			
Additional edge details on request								
Thickness (mm)		15	15	15	15			
Dimensions (mm)		600 x 600 625 x 625 1200 x 600 1250 x 625 2500 x 300	600 x 600 625 x 625 1200 x 600	600 x 600 625 x 625 1200 x 600	2000 x 312,5 2500 x 312,5			
Additional sizes on request								
System		Exposed demountable - System C Exposed - Bandraaster, demountable - System I.3 Exposed - Corridor, demountable - System F.3			Semi-concealed planks, non-demountable - System I.3			
Weight		<b>3.6 - 3.8 kg / m<sup>2</sup></b>						
Colour		 White						
Sound absorption		EN ISO 354 $\alpha_w = 0.60$ as per EN ISO 11654 - <b>Class C</b>						
		Frequency f (Hz)	<b>125</b>	<b>250</b>	<b>500</b>	<b>1000</b>	<b>2000</b>	<b>4000</b>
		$\alpha_p$	0.45	0.50	0.55	0.70	0.65	0.50
NRC = 0.60 as per ASTM C 423								
Sound attenuation		EN ISO 10848-2 $D_{n,f,w} = 34$ dB as per EN ISO 717-1		CAC = 35 dB as per ASTM E 413-10				
Sound reduction		EN ISO 10140-2 $R_w = 21$ dB as per EN ISO 717-1						
Fire reaction		Euroclass <b>A2-s1, d0</b> as per EN 13501-1 <b>Class A</b> as per ASTM E 84						
Light reflectance		<b>88%</b>						
Thermal conductivity		$\lambda = 0.060$ W/mk as per EN 12667						
Humidity resistance		<b>95% RH</b>						
Indoor air quality		 A+	 E1	 IACG				
Cleanability								
Sustainability		 EN 15804	 BIO SOLUBLE WOOL EN 12722:2009 Annex G					
		22.5-25.4% (2023)						