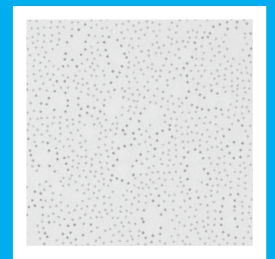




KNAUFCEILING Solutions

DATASHEET

Star 15mm



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

DATASHEET
Star 15mm

Edge details Additional edge details on request		Board 	Tegular 24 	Tegular 15 	K2C2 			
Thickness (mm)		15	15	15	15			
Dimensions (mm) Additional sizes on request		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			
System		Exposed demountable - System C Exposed - Bandraster, demountable - System I.3 Exposed - Corridor, demountable - System F.3			Semi-concealed planks, non-demountable - System I.3			
Weight		3.6 - 3.8 kg / m ²						
Colour		 White						
Sound absorption		EN ISO 354 $\alpha_w = \mathbf{0.60}$ as per EN ISO 11654 - Class C						
		Frequency f (Hz)	125	250	500	1000	2000	4000
		α_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 $D_{n,f,w} = \mathbf{34 dB}$ as per EN ISO 717-1 $CAC = \mathbf{35 dB}$ as per ASTM E 413-10						
Sound reduction		EN ISO 10140-2 $R_w = \mathbf{21 dB}$ as per EN ISO 717-1						
Fire reaction		Euroclass A2-s1, d0 as per EN 13501-1 Class A as per ASTM E 84						
Light reflectance		88%						
Thermal conductivity		$\lambda = \mathbf{0.060 W/mk}$ as per EN 12667						
Humidity resistance		95% RH						
Indoor air quality		 A+	 E1					
Cleanability								
Sustainability		 EN ISO 14021 37-48%	 EN ISO 14025	 BIOSOLUBLE WOOL EC 1272/2008 Annex Q				

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