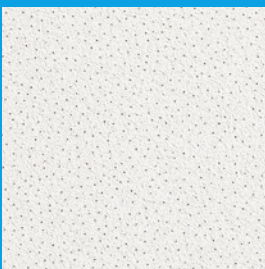


# KNAUF

## Armstrong SAHARA



© Nike Bourgeois

Armstrong SAHARA features a lightly textured and microperforated surface combining good sound absorption and sound attenuation performance

- Good sound absorption ( $0.60 \alpha_w$ ) and sound attenuation (34 dB)
- Good light reflectance (85%)
- Ideal for office and learning applications

## Build on us.

Characteristics	Detailed information									
Edge details Additional edge details on request		<b>Board</b> 	<b>Tegular 24/90</b> 	<b>Tegular 15/90</b> 	<b>SL2</b> 					
Thickness (mm)		15	15	15	19					
Dimensions (mm)		600 x 600 675 x 675 1200 x 600 1500 x 300 1800 x 300	600 x 600 675 x 675 1200 x 600	600 x 600 675 x 675 1200 x 600 1200 x 300	1500 x 300 1800 x 300 2500 x 300					
System		Exposed, demountable - System C Exposed - Bandraster, demountable - System I.3 Exposed - Corridor, demountable - System F.3			Semi-concealed planks, demountable - System I.3 Semi-concealed planks - Bandraster, demountable - System I.2 Semi-concealed planks - Corridor, demountable - System F.2					
Weight		<b>3.7-5.0 kg / m<sup>2</sup> (15 - 19 mm)</b>								
Colour		 White								
Sound absorption		EN ISO 354		$\alpha_w = 0.60$ as per EN ISO 11654 - <b>Class C</b>						
		<b>Frequency f (Hz)</b>			<b>125</b>	<b>250</b>	<b>500</b>	<b>1000</b>	<b>2000</b>	<b>4000</b>
		$\alpha_p$ Bord, Tegular			0.45	0.40	0.55	0.65	0.65	0.60
$\alpha_p$ SL2			0.35	0.45	0.60	0.65	0.55	0.45		
NRC = <b>0.55</b> as per ASTM C 423										
Sound attenuation		EN ISO 10848-2 $D_{n,f,w} = 34$ dB (15 mm) as per EN ISO 717-1 CAC = <b>35 dB</b> (15 mm) as per ASTM E 413-10			$D_{n,f,w} = 38$ dB (19 mm) as per EN ISO 717-1 CAC = <b>39 dB</b> (19 mm) as per ASTM E 413-10					
Sound reduction		EN ISO 10140-2 $R_w = 17$ dB (15 mm) as per EN ISO 717-1			$R_w = 21$ dB (19 mm) as per EN ISO 717-1					
Fire reaction		Euroclass <b>A2-s1, d0</b> as per EN 13501-1								
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		 20.2-32.7% (2023)	 EN 15804	 EC 1272/2008 Annex II	 M1	 Bronze		<a href="http://www.blauer-engel.de/uz132">www.blauer-engel.de/uz132</a>		