KNAUF CEILING Solutions



ARMSTRONG SAHARA



- Armstrong SAHARA features a lightly textured and microperforated surface combining good sound absorption and sound attenuation performance
- Good sound absorption (0.60 α_w) and sound attenuation (34 dB)
- Good light reflectance (85%)
- Ideal for office and learning applications

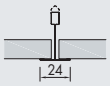
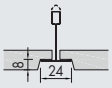
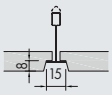
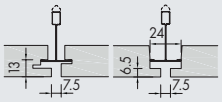
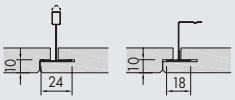
ISO 9001 ISO 14001

knaufceilingsolutions.com

Armstrong CEILING SOLUTIONS

ARMSTRONG SAHARA

KNAUFCEILING Solutions

	Board	Tegular 24	Tegular 15	Vector	SL2
Edge details Additional edge details on request					
Thickness (mm)	15	15	15	24	19
Dimensions (mm) Additional sizes on request	600 x 600 675 x 675 1200 x 600	600 x 600 675 x 675 1200 x 600	600 x 600 675 x 675 1200 x 600	600 x 600	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 tiles, demountable - System C	Semi-concealed planks, demountable - System I.3 Semi-concealed planks - Bandraster, demountable - System I.2 Semi-concealed planks - Corridor, demountable - System F.2
Weight	3.7 - 5.0 kg / m² (15mm - 19mm) 9.0 kg / m² (24mm)				
Colour	White				

Sound absorption

EN ISO 354

α_w = **0.60** as per EN ISO 11654 - **Class C**

Frequency *f* (Hz)		125	250	500	1000	2000	4000
α_p	Board, Tegular, Vector	0.45	0.40	0.55	0.65	0.65	0.60
	SL2	0.35	0.45	0.60	0.65	0.55	0.45

NRC = **0.55** as per ASTM C 423

Sound attenuation

EN ISO 10848-2

$D_{n,f,w}$ = **34 dB** (15mm & 24mm) as per EN ISO 717-1

$D_{n,f,w}$ = **38 dB** (19mm) as per EN ISO 717-1

Sound reduction

EN ISO 10140-2

R_w = **17 dB** (15mm) as per EN ISO 717-1

R_w = **21 dB** (19mm) as per EN ISO 717-1

Fire reaction

Euroclass **A2-s1, d0** as per EN 13501-1

RUS **KM1 (G1, V1, D1, T1)** as per FZ 123

Light reflectance

85%

Thermal conductivity

λ = **0.060 W/m K** as per EN 12667

Humidity resistance

95% RH

Indoor air quality

A+ E1

Cleanability

Sustainability

37 - 43%

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