

KNAUF


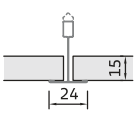
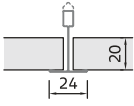
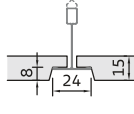
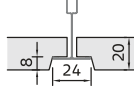
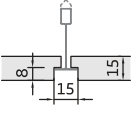
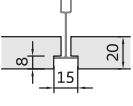
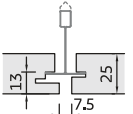
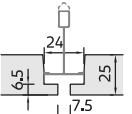















Armstrong Optra



Armstrong Optra features exceptional sound absorption with an appealing smooth surface. Available in a wide array of sizes, colors, patterns, and edge details for unmatched versatility and aesthetic options.

- Excellent Sound Absorption 0.90 NRC
- Excellent light reflection @ 88%
- Available in large variety of sizes, colors, patterns & edge details
- Ideal for open plan offices, call centres (IT/ITES), large conference rooms, education, theatres/auditoriums

Build on us.

Characteristic	Detailed information									
Edge details		 	 	 	 					
Thickness (mm)		15, 20	15, 20	15, 20	25					
Dimensions (mm)		<p>Optra FG Pebble 600 x 600 x 15, 1200 x 600 x 15, 1200 x 300 x 15, 1200 x 150 x 15 600 x 600 x 20, 1200 x 600 x 20, 1800 x 600 x 20, 1200 x 1200 x 20 600 x 600 x 25, 1200 x 600 x 25, 1800 x 600 x 25, 1200 x 1200 x 25</p> <p>Optra FG Classic Black 600 x 600 x 15, 1200 x 600 x 15 600 x 600 x 20, 1200 x 600 x 20 1800 x 600 x 25</p>								
System		Exposed Grid System, Demountable Ceiling (Prelude 24 mm)		Exposed Grid System, Demountable Ceiling (Suprafine 15 mm/Silhouette)	Exposed Grid System, Demountable Ceiling (Prelude 24 mm)					
Weight		≅ 2.8 kg/m²								
Colour		 White  Black								
Sound absorption				Hz						
				NRC	125	250	500	1000	2000	4000
		OPTRA FG WHITE CLASSIC 15 mm	a _p	0.90	0.33	0.87	1.06	0.85	1.01	1.07
		OPTRA FG WHITE CLASSIC 20 mm	a _p	0.95	0.35	0.87	1.10	0.89	1.07	1.09
		OPTRA BLACK 15 mm	a _p	0.85	0.58	0.90	0.65	0.84	0.96	1.01
		OPTRA BLACK 20 mm	a _p	0.90	0.75	0.96	0.72	0.89	1.00	1.03
		NRC = 0.90								
Fire reaction		Class 0/Class 1 as per BS 476 Pt - 6 & 7 Class A as per ASTM E-84								
Light reflectance		Up to 88%								
Thermal conductivity		λ = 0.052 - 0.057 W/mK								
Humidity resistance		Up to 95% RH								
Recycled content		Up to 85%								
Cleanability										
Sustainability	