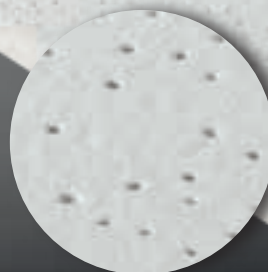


THERMATEX® Star

The fine perforation of THERMATEX® Star produces a remarkable acoustic performance and fulfils all fire protection requirements. The very fine, irregular hole structure, on the otherwise smooth surface, forms a striking and elegant ceiling design and fits perfectly into modern, design concepts.

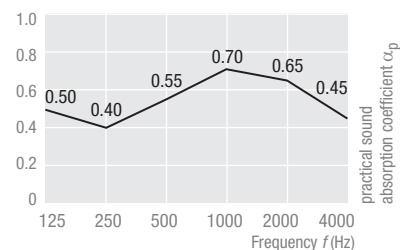


Technical Properties

Building material class	A2-s1, d0 as per EN 13501-1
Fire resistance	F30 - F120 as per DIN 4102 part 2 (as per test certificate) REI30 - REI120 per EN 13501 part 2 (as per test certificate)
Sound absorption	EN ISO 354 $\alpha_w = 0.60$ as per EN ISO 11654 $NRC = 0.60$ as per ASTM C 423
Sound attenuation	$D_{n,f,w} = 34$ dB as per EN ISO 10848 (15 mm thickness, as per test certificate)
Sound attenuation	$R_w = 21$ dB as per EN ISO 10140-2:2010
Humidity resistance	up to 95% relative humidity
Light reflection	for white similar to RAL 9010 glare-free approx. 90%
Thermal conductivity	$\lambda = 0.052-0.057$ W/mK as per DIN 52612
Air permeability	PM1 (≤ 30 m ³ /hm ²) as per DIN 18177
Indoor air	Indoor Air Comfort GOLD Status
Colour	white similar to RAL 9010

- System **A** Concealed system, tiles demountable / non-accessible
- System **C** Exposed system, tiles demountable
- System **F** Free span system, main runners exposed or concealed
- System **I** Parallel Bandrastrer construction, cross tees exposed or concealed

Sound absorption values



Available sizes and edges	Thickness/weight 15 mm (approx. 4.0 kg/m ²), 19 mm (approx. 5.3 kg/m ²)							
	System C		System A		System F I			
	SK	VT 15/24	AW/GN	GN/GN	SK/SK	VT/SK (15mm)	AW/SK	GN/SK
Please note minimum quantities and lead times								
600 x 600 mm	•	•	•	•	-	-	-	-
625 x 625 mm	•	•	•	•	-	-	-	-
300 x 1200 mm	•	•	•	•	-	-	•	•
400 x 1200 - 1250 mm	•	•	-	•	-	-	•	•
600 x 1200 mm	•	•	-	-	-	-	•	•
312,5 x 1250 mm	•	•	•	•	-	-	•	•
625 x 1250 mm	•	•	-	-	-	-	•	•
300 x 1800 - 2500 mm	-	-	-	-	•	•	•	•
312,5 x 1800 - 2500 mm	-	-	-	-	•	•	•	•
400 x 1800 - 2500 mm	-	-	-	-	•	•	•	•