

TSU 550

Impact-sound absorbing nonwoven for floating supporting floors with laminated-on protective sheet overlapping on one side

Application:	To be laid under cement supporting floors and flow spreads	
Material:	Nonwoven of chemically neutral synthetic fibres, upper side with laminated-on blue PE sheet. Overlapping on one side.	
Unit weight:	approx. 550 g/m ²	
Thickness:	approx. 5.5 mm	
Heat conductivity λ W/m K:	approx. 0.045	
Thermal resistance R in m² K/W:	approx. 0.12	
Thickness change:	under load of 2 kN/m ² acc. DIN 18165, approx. 0.9 mm	
Measure of impact-sound improvement:	floating supporting floor on a concrete floor of 160 mm as per EN 20717 $\Delta L_w = 18$ dB	
Delivery form:	Rolls of	
	width:	95 / 190 cm
	length:	25 metres
	diameter approx.:	42 cm
	Packing units:	width 95 cm = 2 rolls 1 roll with, 1 roll without overlapping width 190 cm = 1 roll

ADVANTAGES

Best impact sound absorption (At minimum thickness)

For floor heating (Fibre structure assists transfer of heat)

Durable (As compared to conventional building chemicals)

One operation only (No separate laying of protective sheet)

Price/performance ratio (Favourable price / quick laying)

Extremely robust (High resistance to puncture)

Environment-friendly (Free of harmful substances, thermally disposable)