

TECHNICAL DATA SHEET

Polysound

Synthetic soundproofing membrane

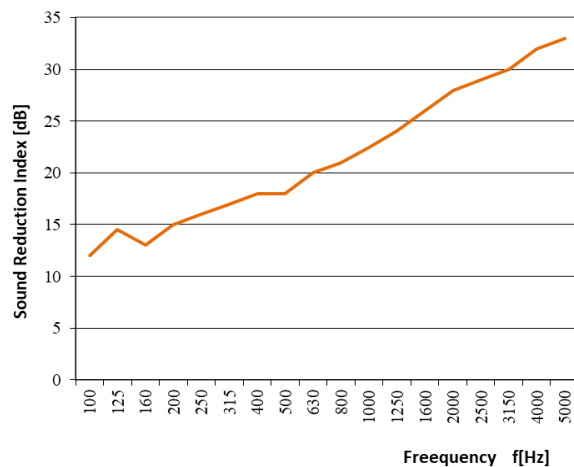
Product description and Technical Specification:

Polysound is a high density polymer-based, asphalt-free, synthetic soundproofing membrane, that offers good acoustic insulation in different building elements. It is equipped with a tissue non-tissue polypropylene fleece on its upper side to improve the tear strength of the membrane and at the same time offer a protection or a finishing.



- Flexible
- Easy to handle and adaptable to uneven surfaces
- Easy to cut with a knife or scissors
- Cold - and heat-resistance
- Excellent ageing resistance

PHYSICAL CHARACTERISTICS	Unit	Value
Thickness	mm	2.5
Length	mm	2000
Width	mm	1220
Weight	kg/m ²	5



Sound reduction index Rw					
f [Hz]	dB	f [Hz]	dB	f [Hz]	dB
100	12	400	18	1600	26
125	15	500	18	2000	28
160	13	630	20	2500	29
200	15	800	21	3150	30
250	16	1000	23	4000	32
315	17	1250	24	5000	33

TECHNICAL CHARACTERISTICS	Standard	Unit	Value	Tolerance
Density	-	kg/m ³	2000	
Plegability	UEAtc	°C	-20 °C	
Tensile strength	UNE 104-281/6.6	N/50 mm	³ 150x150	
Elongation	UNE 140-281/6.6	%	³ 200x200%	
Compressive strength	-	kg/cm ²	4.84	
Vapour water resistant factor	UNE-EN 1931	-	μ≥4.15-104	

REGULATIONS

In accordance with the following norms: CTE-DB-HR, EN ISO 140-1, EN ISO 140-3, EN ISO 140-6, EN ISO 140-8, EN 20140-2 and EN ISO 717/1/2. Quality System in accordance with ISO:9001

PACKING AND STORING

175,72 m²/pallet; 72 Rolls/pallet; 878,4kg/pallet

Storage: Horizontal in pallets, without stacking. Product supplied in rolls with carton core inside. Store it into the original packaging, in dry conditions and protected from hot temperatures and UV radiation, not exposed to temperatures higher than 35 °C. The maximum period of storage is 1 year.