

TECHNICAL DATA SHEET

Impact noise membrane

D-Fon - impact noise reduction membrane for floors

Product description and Technical Specification:

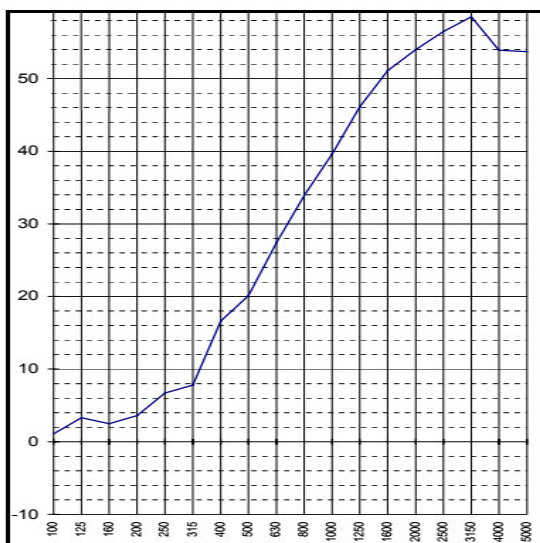
D-Fon is an impact noise insulation underlay for flooring, made of a high tenacity non woven polyester bonded to a bitumen-coated protection.

- High impact noise reduction with small thickness
- High compressive strength
- Low vapor permeability



PHYSICAL CHARACTERISTICS	Standard	Unit	Value	Tolerance
Thickness		mm	3.4	±2%
Length		mm	20 000	±2%
Width		mm	1 070	±2%

ACUSTIC CHARACTERISTICS	Standard	Unit	Value	Correction
Impact sound insulation $\Delta L_{n,w}$	EN ISO 10140 -3:2011	-	22 dB	C1 (- 1 dB)



Impact sound insulation ΔL					
f [Hz]	ΔL	f [Hz]	ΔL	f [Hz]	ΔL
100	1.1	400	16.6	1600	51.1
125	3.3	500	20.1	2000	54.0
160	2.5	630	27.4	2500	56.5
200	3.6	800	33.9	3150	58.5
250	6.7	1000	39.6	4000	53.9
315	7.8	1250	46.1	5000	53.7

TECNICAL CHARACTERISTICS	Standard	Unit	Value
Tearing resistance	EN 12310-1	N	180
Thermal resistance	EN 13583	m ² ·K/W	0.1
Puncturing resistance	EN 12431	mm	0.3 mm
Water permeability	EN 12430	Mg/m.h.Pa	0.00150
Dynamic rigidity	EN 29052-1	MN/m ³	37

PACKING AND STORAGE

Indoor storage. Roll with dimensions 35 x 107 cm (7 cm self -adhesive overlap included); 13 kg. per roll, 20 m² per roll; 16 rolls per pallet; 320 m² per pallet;