

TECHNICAL DATA SHEET

Impact noise membrane

D-Pact 5 - Impact noise reduction membrane for floors

Product description and Technical Specification:

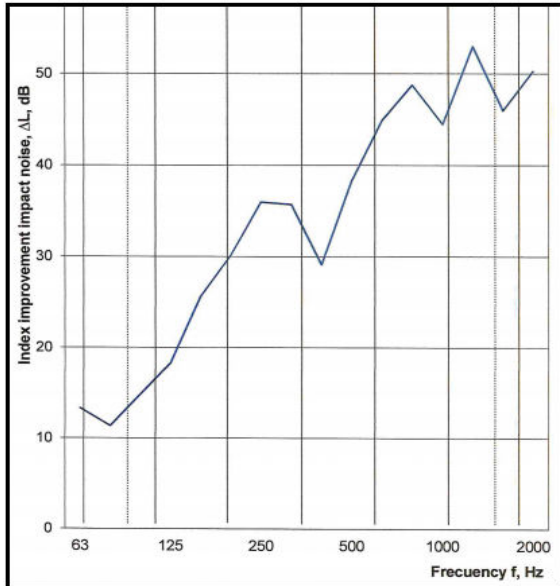
D-Pact 5 is high performance cross – linked polyethylene closed cell membrane for impact noise reduction for floors. It can be installed directly under cement screed and MFD parquet.



- High impact noise reduction performance and airborne sound reduction
- Small thickness
- Fast and easy installation

PHYSICAL CHARACTERISTICS	Standard	Unit	Value	Tolerance
Thickness		mm	5	±2%
Length		mm	50 000	±2%
Width		mm	2 000	±2%
Density		Kg/m ³	25	±2%

ACUSTIC CHARACTERISTICS	Standard	Unit	Value	Correction
Impact sound insulation $\Delta L_{n,w}$	EN ISO 10140 -3:2011	-	26 dB	C1 (- 2 dB)



Impact sound insulation ΔL					
f [Hz]	ΔL	f [Hz]	ΔL	f [Hz]	ΔL
100	13.3	400	36.0	1600	44.5
125	11.3	500	35.7	2000	53.0
160	14.8	630	29.1	2500	46.0
200	18.3	800	38.3	3150	50.3
250	25.6	1000	44.9		
315	30.2	1250	48.8		

TECNICAL CHARACTERISTICS	Standard	Unit	Value
Thermal conductivity (λ)	EN ISO 12667	W/mK	0.041
Compressive strength at 25 %	ISO 3386/1	kPa	36
Thickness loss under loading	EN 12431	%	2 for 250 Pa
Thickness loss under loading	EN 12431	%	6.1 for 2 kPa
Thickness loss under loading	EN 12431	%	15.2 for 50 kPa
Water permeability	EN ISO 12086	Mg/m.h.Pa	0.00150
Dynamic rigidity	EN 29052-1	MN/m ³	87

PACKING AND STORAGE

Indoor or outdoor storage, not at direct sunlight. Roll with dimensions 40 x 200 cm, 12.5 kg.