

## TECHNICAL DATA SHEET

## Impact noise membrane

### D-Pact 10 - Impact noise reduction membrane for floors

#### Product description and Technical Specification:

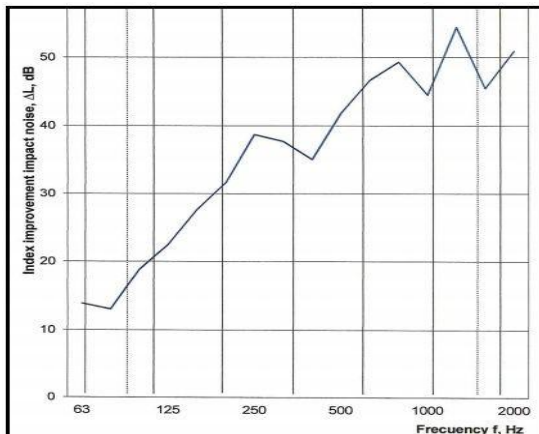
D-Pact 10 is high performance cross – linked polyethylene closed cell membrane for impact noise reduction for floors. It can be installed directly under cement screed and MDF parquet.



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

PHYSICAL CHARACTERISTICS	Standard	Unit	Value	Tolerance
Thickness		mm	10	±2%
Length		mm	50 000	±2%
Width		mm	2 000	±2%
Density		Kg/m <sup>3</sup>	25	±2%

ACUSTIC CHARACTERISTICS	Standard	Unit	Value	Correction
Impact sound insulation $\Delta L_w$	EN ISO 10140 -3:2011	-	37 dB	C1 (- 2 dB)



Impact sound insulation $\Delta L$					
f [Hz]	$\Delta L$	f [Hz]	$\Delta L$	f [Hz]	$\Delta L$
100	13.9	400	38.7	1600	44.5
125	13.1	500	37.7	2000	54.4
160	18.9	630	35.1	2500	45.4
200	22.5	800	41.8	3150	50.9
250	27.6	1000	46.6		
315	31.6	1250	49.3		

TECNICAL CHARACTERISTICS	Standard	Unit	Value
Thermal conductivity ( $\lambda$ )	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	%	3.1 for 2 kPa
Thickness loss under loading	EN 12431	%	5.2 for 50 kPa
Water permeability	EN ISO 12086	Mg/m.h.Pa	0.00150
Dynamic rigidity	EN 29052-1	MN/m <sup>3</sup>	57.7

### PACKING AND STORAGE

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