

TECHNICAL DATA SHEET

Impact noise membrane

D-Pact 5 - Impact noise reduction membrane for floors

Product description and Technical Specification:

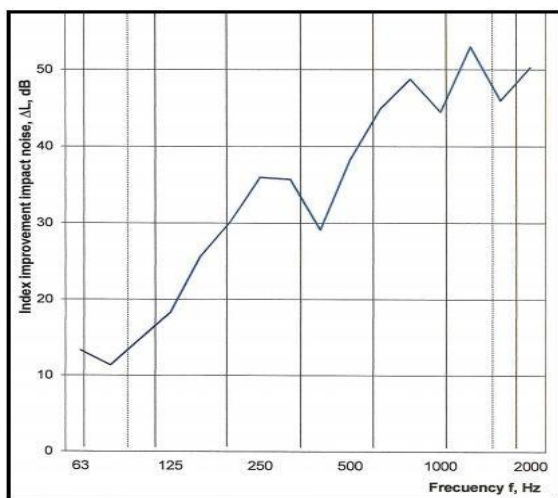
D-Pact 5 is high performance cross – linked polyethylene closed cell membrane for impact noise reduction for floors. It can be installed directly under cement screed and MDF parquet.



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

| PHYSICAL CHARACTERISTICS | Standard | Unit | Value | Tolerance |
|--------------------------|----------|-------------------|--------|-----------|
| Thickness | | mm | 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 ΔL_w | EN ISO 10140 -3:2011 | - | 35 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 | | |

| TECHNICAL 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.