

sound sense natural

Acoustic underlay designed for underneath wood and laminate

Specification

| Characteristic | Result | Test Method |
|-----------------------------|---|------------------|
| End use | Heavy domestic and general commercial use | |
| Gauge | 2.00mm | |
| Roll width | 1.00m | BS 5808: 1991 |
| Roll length | 15.00m | BS 5808: 1991 |
| M ² per roll | 15m ² | |
| Weight | 0.50kg/m ² | BS ISO 7322:2014 |
| Density | ca. 250kg/m ³ | BS ISO 7322:2014 |
| Tensile strength | >200kPa | BS ISO 7322:2014 |
| Elongation at break | ? | BS ISO 7322:2014 |
| Shore hardness | ? | |
| Compression | 20-45% | BS ISO 7322:2014 |
| Recovery from compression | >70% | BS ISO 7322:2014 |
| Thermal conductivity | 0.0516 W/m ² °C | ISO 8301 |
| Thermal resistance | 0.0388m ² C/W | ISO 8301 |
| Tog rating | 0.40 | |
| Operating temperature range | -30 to 90°C | |

EPLF specifications

| Characteristic | Requirement | Result |
|----------------------------|-----------------------------|--------------------------|
| PC Punctual Conformability | >/= 0.5mm | >/= 1.3mm |
| CS Compression Strength | >/= 400 kPa | 470 kPa |
| CC Compression Creep | >/= 35 kPa | 50 kPa |
| IS Impact Sound reduction | >/= 18dB | 19dB |
| R Thermal Resistance* | </= 0.15m ² °C/W | 0.039m ² °C/W |
| DL Dynamic Load | >/= 10,000 cycles | >/= 10,000 cycles |
| SD Moisture Protection | >/=75m | >75m |



*Suitable for underfloor heating.

Exceeds the EPLF higher requirements group 1 & 2

Acoustic performance

| Finished floor | Result | Test Method |
|------------------------------|--------|------------------|
| Laminate | 19dB | ISO 10140-3:2010 |
| Engineered wood (glued down) | 26dB | ISO 10140-3:2010 |

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