

Technical Datasheet



Product	Acoustic underlay coated, 2.0mm
Product name:	PUR 2.0
Customer Code:	EX KO98571N
EAN:	4 05705 003260

Area of use:

Heavy-duty sound insulation when using floating, ready to lay parquet, cork or laminate flooring. The parquet/laminate underlay not only effectively minimises the noise level when the floor is walked on (walking or footfall sound insulation), but also the sound level transmitted through the floor into adjacent rooms and rooms below (impact sound insulation).

Material:	PUM mineral fillers and polyurethane resins
------------------	---

1. Dimensions:

Thickness	(d)	2,0 mm	+/- 0,15 mm	DIN CEN/TS 16354
Length	(l)	7500 mm	+/- 15 mm	DIN CEN/TS 16354
Width	(w)	1000 mm	+/- 1 mm	DIN CEN/TS 16354

2. Technische Daten

<u>Substrate / Structure</u>				
Thermal resistance Heat insulation	RA	0,01 m ² K/W		DIN CEN/TS 16354
Suitable for underfloor heating		Yes, Heat transfer resistance should not exceed a value of 0.15 m ² K/W in the entire structure (i.e. underlay and top layer).		
Uneven areas	PC	~1,02 mm		DIN CEN/TS 16354
Moisture	SD	> 75 m		DIN CEN/TS 16354
<u>Use:</u>				
Dynamic load	DL ₂₅	>150 000 Zyklen		DIN CEN/TS 16354
Static load	CS	~ 260 kPa		DIN EN 826 (250Pa, 0,5 mm)
Sustained static load	CC	~ 53kPa		DIN CEN/TS 16354
Impact resistance	RLB	~ 750mm		DIN CEN/TS 16354
<u>Acoustics</u>				
Impact sound reduction	IS _{Lam}	18 dB	+/- 2dB	DIN EN 16251-1
Reflected walking sound emission	RWS	27%	+/- 2%	EPLF WD 021029-5

Technical Datasheet

Product	Acoustic underlay coated, 2.0mm
Product name:	PUR 2.0
Customer Code:	EX KO98571N



3. Nature:

The underlay is CFC free, can be disposed of in the household waste without problems, is recyclable, does not pollute water and is toxicologically safe. Its base material is compatible with bitumen, PVC, linoleum, cement, synthetic and natural resins as well as magnesite.

4. Special instructions:

If stored for a longer period, the parquet underlay should be stored in a cool and dry place and protected against UV radiation.

All details on this page corresponds to current knowledge and provides information about our properties as well as their possible uses. They do not assure any specific product properties or suitability of the products for a specific use. For this reason, no legal liabilities can be deduced from these details. Subject to technical changes without notice. Errors and omissions excepted.

5. Laying:

Before laying, ensure that the sub-floor is properly prepared according to the standards; in particular, ensure it is flat, level, clean, dry, free of cracks, tension and pressure resistant and satisfies the requirements in accordance with the trade and guild guidelines. Please also note and follow the flooring manufacturer's instructions. In case of increased construction moisture or residual moisture in the surface, consult your dealer, tradesman or contractor about the need for dewatering, drying out or an additional vapour barrier. When laying the floor care must be taken to ensure that the insulation underlay joints do not come up against the floor planks joints. The best method is to install the underlays diagonally. The parquet underlay is rolled out on the floor with the alu side above. Before laying the flooring the individual lengths of underlay must be laid with joints abutted and the joints closed off by means of adhesive Alu tape (accessory).