

## SIREX® PE CONTACT NOISE INSULATION, MOISTURE AND VAPOUR BARRIER UNDER PARQUET/LAMINATE

**SIREX® PE floorunderlayer** is a lightweight, closed cell, cross linked PE-foam and is available on rolls from 2 mm thickness. Depending on the required demands **SIREX® PE floorunderlayers** can be produced with an extra foil as a vapour barrier, a self-adhesive layer or pyramid embossing.

**SIREX® PE floorunderlayer** gives an improvement of the contact noise insulation of maximum 18 dB.

### MEASUREMENTS CONTACT NOISE INSULATION

Parquet thickness	SIREX® PE floorunderlayer, type	Improvement in dB according to DIN 52210	Improvement in dB according to NEN 1070
8 mm	35/02	17	8
8 mm	35/Eco	17	8
8 mm	35/Alu	18	8
8 mm	PE-3502	17	7

### MEASUREMENTS VAPOUR RESISTANCE

SIREX® PE floorunderlayer, type	Vapour resistance $\mu$	$S_d$ (in m <sup>2</sup> ) according to DIN 52615
35/02	20,100	56.3
35/Eco	20,100	56.3
35/Alu	12,000	25.0
PE-3502	7,200	15.5

As you can see **SIREX® PE floorunderlayers** fulfil the requirements to prevent vapour on the underlayer and inside condensation at the top layer.

**SIREX® PE floorunderlayer** is highly proofed against moulds, insects and fungus so all qualities are maintained for a very long time.

Unevenness in the floor construction will be smoothed away.

**SIREX® PE 3502** is also suitable in combination with floor heating.

## PRODUCT INFORMATION

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### TECHNICAL DETAILS

SIREX® PE floorunderlayer, type	Thickness	Execution
PE-3502	ca. 2 mm	smooth and trimmed
35/02	ca. 2.6 mm	provided with PE-foil eventually one side with an overlap
35/Eco	ca. 2.6 mm	provided with recycled foil eventually one side with an overlap
35/Alu	ca. 2.9 mm	one side provided with PES/aluminium foil

Width..... 1,000 mm, trimmed, other widths and executions are available on request

Packaging.....25/30/50/100 meters/roll depending on the type, packaged in PE-foil

Thermal conductivity.....at +10 °C = 0.034 M/mK

Application.....Edges of the strips tightly against each other and seal the seams damp tight with **SIREX® Alu-tape 1012** and/or **SIREX® PP Alu-tape 907**. **Type 35/02** and **type 35/Eco** also with an foil overlap.

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