



LvtALUExtreme



PN: XXXXX

Permanently elastic, heavy underlay with patented RWS Barrier base material, specially developed for LVT designfloors.

RWS Barrier base material defines a new standard for the highest walking noise improvement value.

All tests were conducted by the EPH GmbH.

In addition to laboratory tests, end-user experience was confirmed in real life conditions as RWS performance compared to other premium range underlays on the market.

Product highlights

- Specially developed for the class 2 LVT floors in commercial spaces (according to MMFA)
- Local unevenness compensation up to 1,10 mm.
- Designed for highest floor heating efficiency according to MMFA.
- Unrivalled walking sound improvement (RWS) thanks to **RWS Barrier**.
- For highest demands on pressure stability under heavy loaded floors.
- 100 % recyclable, CFC and HCFC free.
- Ecologically friendly.

Symbol	Category	Value/Unit	Test methods
T	Thickness	1,6 mm ±10%	EN823
L	Length	8 000 mm ±4%	EN822
W	Width	1 000 mm ±2%	EN822
AW	Area weight	1,40 kg/m ² ±10%	EN ISO 23997:2012
QW	Density	905 kg/m ³ ±10%	EN ISO 23996:2012
RWS	Reflected walking sound	33 % ±2	IHD-W431
IS	Impact sound reduction	17 dB ±2	EN ISO10140, ISO717-2
CS	Temporary loads resistance	400 kPa ±10	EN 826:2013+A: FU1:2019
CC	Static loads (furniture) resistance	> 50 ¹ kPa	EN1606
DL	Dynamic loads (walking) resistance	> 100 000 ¹ cycles	EN13793
PC	Local unevenness compensation	1,10 mm ±10%	EN-ISO868
TR	Thermal insulation	0,006 m ² K/W ±0,003	EN12667:2002 at 24°C
SD	Protection against moisture	> 75 m	EN12086
RLB	Protection against falling objects	650 mm ±50	EN13329, EN438
RTF	Reaction to fire	B _{fl} -s1	EN ISO11925-2, PN-EN13501-1

Logistic Parameter	Sales unit	Packaging	Palette
Form	Roll	---	Cardboard
Quantity	1 Pc.	---	40 Rolls
Area	8m ²	---	320m ²
Weight	11,2kg ± 10%	---	448kg ± 10%

General information

All data are based on our experience and careful investigations. The diversity of the materials used, as well as the different construction site and processing conditions, can not be examined or influenced by us in detail. The quality and function therefore depends on the expert site evaluation and product use. In case of doubt, carry out your own tests or seek advice on our application technology. When processing, please observe the rules of technology as well as the manufacturing specifications of the building materials involved and constantly changing state of technology. Due to its composition and technology of production, this product may have a residual smell of

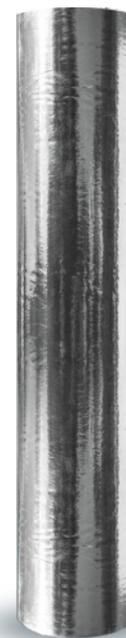
natural rubber that disappears right after the assembly of the floor. This product has been tested and does not emit volatile organic compounds (VOC class A+).

Storage

Approx. 1 year, protecting from direct sunlight or other weather influences.

Application

Unroll underlay on the floor, aluminized side facing up, with individual panels adjacent to one another and seal the joints with aluminum sealing tape. Product information is subject to change without notice. Please visit our webpage for updated product informations.



Brandverhalten: normalentflammbar (Klasse E/El) nach DIN EN 13501-1 oder Baustoffklasse DIN 4102-B2) Emissionsgeprüftes Bauprodukt nach DIBt-Grundsätzen.



*Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentées en fonction des données par matériau, sur une échelle de classes allant de A+ (les faibles émissions) à C (fortes émissions)

value delivered from similar product test results