

Stuk folie

Technical specifications / Technische specificaties / Spécifications techniques

Thickness of the underlay / Dikte van de ondervloer / Epaisseur de la sous-couche	EN 823 ⁽¹⁾	1,5 mm
Reflected walking sound / Reflectiegeluid / Bruit de réflexion	EPLF working draft 021029-5 F1	< 20 sone
Impact sound improvement / Geluidsreductie / Réduction bruit d'impact	ISO 140/717	19 dB, 8 ΔL_{in} dB
Compressive strength / Drukweerstand / Résistance à la compression	EN 826 ⁽¹⁾	
* tested at 0.2 mm compression under 100 Pa pre-load / tested at 0.2 mm compression under 100 Pa pre-load / tested at 0.2 mm compression under 100 Pa pre-load		≥ 200 kPa
* tested at 0.5 mm compression under 100 Pa pre-load / tested at 0.5 mm compression under 100 Pa pre-load / tested at 0.5 mm compression under 100 Pa pre-load		≥ 450 kPa
Compressive creep under long term static load / Compressive creep under long term static load / Compressive creep under long term static load	EN 1606 ⁽¹⁾	40 kPa
Dynamic load / Dynamic load / Dynamic load	EN 13793 ⁽¹⁾	≥ 1 Mio.
Punctual conformability / Punctual conformability / Punctual conformability	FprCEN TS 16354	0,7 mm
Resistance to impact by large diameter ball / Resistance to impact by large diameter ball / Resistance to impact by large diameter ball	EN 13229 annex F and EN438 Chapter 21	n.p.d.
Thermal resistance / Thermische weerstand / Résistance thermique ⁽²⁾	EN 12667 / EN 12664	0,027 m ² K/W
Water vapour diffusion resistance of the complex / Water vapour diffusion resistance of the complex / Water vapour diffusion resistance of the complex ⁽³⁾	EN 12667 / EN 12086	≥ 80 m
Water absorption / Waterabsorptie / Absorption d'eau	DIN 53571	< 1 vol %
Reaction to fire / Brandklasse / Classification au feu	EN ISO 11925-2, classification acc. EN 13501-1	E _{fl}

n.p.d. = no performance determined

(1) All test are done according to the mentioned standards and the modifications given in document FprCEN TS 16534:2011.

(2) According to the recommendations of "Bundesverband Flächenheizungen un Flächenkühlungen e.V. (BVF)" and EN 1264-3 this underlay is applicable for underfloor heating systems. The total R-Value of the complete floor construction of max. 0,15 m² K/W has to be considered.

(3) The given value for water vapour diffusion (SD-value) is valid for the underlay only, when the butted click connections are carefully sealed with tape.

Chemical:

- against water, most domestic cleaners, solutions of salt, acids, bases

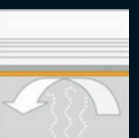
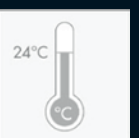
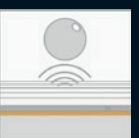
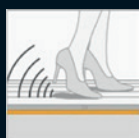
Resistance:

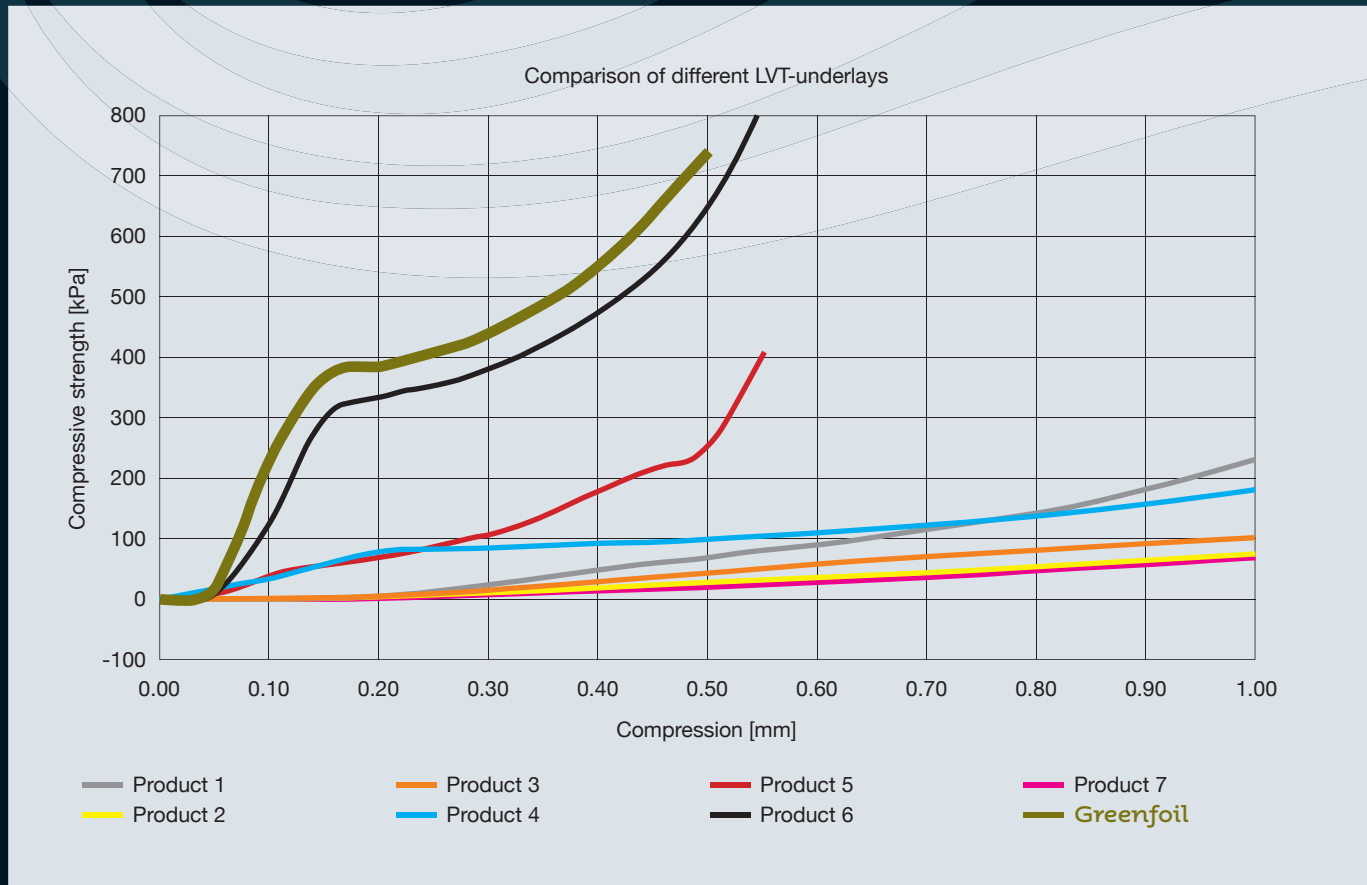
- partly durable against organic solvents and hydrocarbons

Storage conditions:

- do not store outdoors, protect from exposure of sunlight

- prevent electrostatic discharges, keep away from ignition source, do not smoke!





Features:

- Exceptional compressive strength and dynamic load resistance, which ensures extended durability, especially suited for fold down click systems
- outstanding damping of impact sound
- low thermal resistance, applicable for floor heating systems

Caractéristiques:

- très forte compression de la sous couche lui conférant une durée de vie importante. Spécialement adapté au système click
- amélioration de l'affaiblissement acoustique
- adapté au chauffage au sol basse température

Eigenschappen:

- uitzonderlijke druksterkte en dynamische belasting weerstand, die verlengde duurzaamheid garandeert, met name geschikt voor pvc clicksystemen
- uitstekende geluidsreductie
- lage thermische weerstand, geschikt voor vloerverwarming

Caratteristiche:

- eccezionale resistenza alla compressione e resistenza di carico dinamico, che assicura una lunga durata, particolarmente adatto per i sistemi a click
- riduzione del rumore da calpestio
- bassa resistenza termica, applicabile per il sistema di riscaldamento a pavimento