TECHNICAL DATA SHEET

Bjelin Combi Foam

BJELIN

SKU: 20425 | SKU: 20426

Bjelin Combi Foam consists of an age-resistant expanded polyethylene foam with closed cells, laminated by heat to a 0,025 mm sheet of polyethylene (HDPE) with a 200 mm overlap. The new developed fine cell structure gives excellent compression strength and sound insulation properties. Bjelin Combi Foam reduces impact sound, prevents moisture and contributes to levelling of the substructure. Combi Foam is installed with the polyethylene foil facing down. The relative humidity in the concrete floor must be below 95%.

PRODUCT FEATURES

- High water vapor resistance
- Fine cell quality gives outstanding physical properties
- Efficient impact noise deadening – an improvement measurement ΔLw of -20 dB
- Light, strong and flexible
- Age resistance > 50 years
- Ideally suited for floating parquet, Woodura and Nadura floors
- High resistance to pressure and very good dimensional stability
- 100 % recyclable
- Odour and dust free

APPLICATION

- Suitable when a damp-proof layer is needed between parquet or Woodura and Nadura floors and concrete floors with excessive moisture content
- No need for any additional vapor barrier
- To be installed with overlap joints by the use of the protruding PE film at the edge
- The layer of closed cell PE foam in combination with the PE film ensures a very high ratio of water vapour resistance

PROTECTS THE FLOOR FROM DAMAGE - INCREASES LIVING COMFORT

- ☑ Reduction against **rising moisture**
- ☑ Reduction of **walking sound**
- ☑ Reduction of **impact sound**
- ☑ Suitable for **underfloor heating**

General properties	15m² unit	50m² unit
Thickness (mm)	2	2
Width/foam (mm)	1000	1000
Width/PE-film (mm)	1200	1200
Length (m)	15	50
Packaging unit m²	15	50

Properties according to EN 16354	Norm	Value
Thickness	SP 1116	2 mm
Density	ISO 845	30 kg/m³
Impact sound reduction (IS)	SS-EN ISO 140 -8 SS 02 52 67 SS-EN ISO 717-2	20 dB
Compressive Strength (CS)	EN 826 + A.3.7	> 20 kPa
Punctual conformability (PC)	EN ISO 868 + A.3.6	1,5 mm
Water vapour diffusion resistance (SD)	SS0212582	> 42,5 m
Thermal resistance (R)	DIN 52612 ISO 2581	0,04 m² K/W