

TECHNICAL DATA SHEET

AIROLEN® Sport

Airolen® Sport consists of an age-resistant expanded polyethylene foam with closed cells.

The new developed fine cell structure gives excellent compression strength and sound insulation properties. Airolen® Sport is used under sports floor in order to reduce impact sound and to contribute to the levelling of the substructure.



PRODUCT FEATURES

- › Fine cell structure gives outstanding physical properties
- › Efficient impact noise deadening
- › Reduction of transmission of footfall and impact noise
- › Light, strong and flexible
- › Ideally suited for floating floors
- › High resistance to pressure and very good dimensional stability
- › Age resistance > 50 years
- › 100 % recyclable
- › Odour and dust free

PROTECTS THE FLOOR FROM DAMAGE



Protection against
loads and use



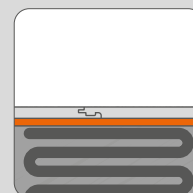
Protection against
falling objects



Reduction of
walking sound



Reduction of
impact sound



Suitability for
underfloor heating

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APPLICATION

- › Various thicknesses and physical construction characteristics
- › Suitable for use in both old and new buildings
- › For floors with or without under-floor heating
- › Installation faster and easier on a clean and dry floor
- › Simply roll out the underlay across the floor and make sure that the joints are butted tightly together, the joints should be sealed with an adhesive tape

PRODUCT RANGE

Type	Width mm	Thickness mm	Length m	Packaging unit m ²
1500 x 5	1500	5	50	75
1500 x 10	1500	10	50	75
1500 x 15	1500	15	33	49,5

TECHNICAL DATA

Properties	Norm	Unit	Value
Thickness	SP 1116	mm	5, 10, 15
Density	ISO 845	kg/m ³	30
Thermal resistance (R)	DIN 52612 ISO 2581	m ² K/W	0,045
Water absorption	DIN 53433 ISO 2581	%	< 0,5
Aging resistance	SP 0414	Year	50



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