

# ISOFOAM LF150LD 2/100+10SA10/25m

Product:	ISOFOAM LF150LD 2/100+10SA10/25m	
Supplier:	MASTERPLAST International Kft., 8143 Sárszentmihály, Árpád u. 1/a. (www.masterplastinternational.com)	
Size, packaging:	1 m × 25 m = 25 m <sup>2</sup> /roll	
Application:	Levels the slight unevenness of mineral based subfloors (e.g. concrete, estrich) and reduces the unpleasant effect of the impact-sound under laminate and parquet floorings in rooms in case of low frequentation, moderate load-bearing and normal acoustic requirements. The PE vapour-barrier layer lamination with self-adhesive stripe protects against moisture coming from the subfloor. The self-adhesive stripe makes possible the proper and stable lying. Applicable for floor heatings.	
Material:	Extruded, non-cross-linked and closed cell Polyethylene with LD-PE layer lamination on one side and with self-adhesive stripe along the overhanging edge of the LD-PE vapour barrier layer.	

Properties of Isofoam IF 2mm	Test methods	Technical data
Thickness	EN 823	2 (±0,2)mm
Density	EN 1602	30 kg/m <sup>3</sup> (±10%)
<b>Property of LD-PE vapour barrier layer</b>		
Thickness	EN 1849-2	0,15 mm
<b>Properties of Isofoam LF 180LD 2/100 +10SA 10/25</b>		
Length of roll	EN 822	25 (±1%)
Width of roll	EN 822	110cm (±1%) with a (10mm-wide) self-adhesive stripe along the overhanging edge of the HD-PE vapour barrier layer
Thickness	EN 823	2 (±0,3)mm
Compressive strength (CS)	EN 826	20 kPa
Compressive creep (CC)	EN 1606	5 kPa
Radiated walking sound (RWS)	EN 16205	7%
Impact sound insulation (IS)	EN ISO 10140-3; EN ISO 717-2	19 dB
Thermal resistance ( R )	EN 12667	0,050 m <sup>2</sup> .K/W
Water vapour transmission (Sd)	EN 12086	100 m (±20 %)
Maximum unevenness of the subfloor	EN 1606	1 mm

#### Storage and handling

Under dry conditions, protected against atmospheric exposure, especially sun-radiation and other heat sources as well as against moisture and rain. Depending on the environmental conditions - temperature, ventilation -, within some days after the production, small amounts of isobutan - used during the production - is released from the foam, that are heavier than air and concentrates at ground level, so proper ventilation is necessary during storage and transportation. Isobutane is highly inflammable, it must be kept away from ignition source and avoid electrostatical discharges!

#### Guarantee, warranty

In accordance with the current legislations and the conditions of the distributor. The observation of the application rules of the product and presentation of the invoice constitute a prerequisite for possible future warranty claims.

#### Standards, specifications

EN 16354

#### Health and safety

No labelling required in accordance with the relevant regulation (EC) No. 1907/2006 of the European Parliament and of the Council.

This datasheet corresponds to our current knowledge, experiences and general informations on the subject, but may be revised as new knowledge and/or experience becomes available. It does not imply any legally binding assurance. The product possesses the given technical characteristics. Since all variations of end-using of the product can not be anticipated, the designer/end-user's responsibility to make sure of the suitability of this product for particular purposes, structures. The manufacturer supposes essential technical skill and skillfull application during construction.

**This technical datasheet is applied to products sold by Masterplast International Kft. and valid until withdrawal or until modification.** Since this datasheet may be subject to revision, it is the responsibility of designer/end-user to make sure of possessing the latest version of the datasheet (\*see date of issuing). Most recent version of this datasheet can be also accessed under [www.masterplastinternational.com](http://www.masterplastinternational.com). Herewith the previously issued versions of this datasheets lose their validity and must be replaced by this version!