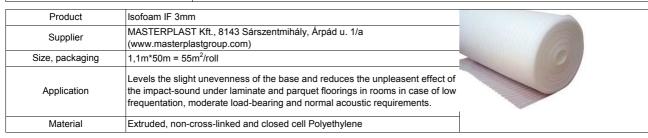


TECHNICAL DATASHEET

Isofoam IF 3 mm



| Tulajdonság | Vizsgálati módszer | Termékjellemző |
|---|--------------------|---------------------|
| Length | EN 822 | 50m (±1%) |
| Width | EN 822 | 110cm (±1%) |
| Thickness | EN 823 | 3 (±0,3)mm |
| Mass per unit area | EN 1602 | 60g/m² (±10%) |
| Density | EN 1602 | 21 kg/m³ (±5%) |
| Tensile strength (on a 50mm wide sample) | EN 12311-2 | 65 N/5cm / 50 N/5cm |
| Elongation (on a 50mm wide sample) | EN 12311-2 | 95% / 95% |
| Dimensional stability (tested on 5mm-thick sample, 35°C, 120h, 2kN/m²) | | <1% |
| Thermal conductivity (λ) | EN 12667 | 0,061 W/mK |
| Impact sound insulation, ΔLw (under 7mm-thick laminate, on 14cm-thick reinforced concrete slab) | EN 140-8 | 18dB |
| Water absorption (after a 28-day-long total immersion) | EN 12087 | ~5,5% |
| Water vapour resistance factor (μ) | EN ISO 12572 | 3650 |
| Water vapour diffusion-equivalent air layer thickness (Sd) | EN ISO 12572 | ~11m |
| Reaction to fire | EN 13501-1 | F |
| Temperatur resistance | | (-)30°C - (+)70°C |

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 mounts 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.

Health and safety

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

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.

This technical datasheet is applied to products sold by Masterplast Kft., after 27th May 2010. 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.masterplastgroup.com.

*Issued: 2010. 05. 27.