

Technical Data Sheet

FDPL Distance plate (B1-Version)

for joint protection and structure-borne sound decoupling
in the staircase



Product

Description **FDPL distance plates** avoid sound bridges and contribute to structure-borne sound decoupling. They ensure joint spacing and prevent soiling.

Use **FDPL distance plates** are used in the installation of stair flights and landings.

**Characteristics/
Benefits**

- Effective sound insulation and minimization of structure-borne noise
- High-quality, easy-to-process PE foam sheets
- Robust material, resists damage during the construction process
- Simple and secure installation thanks to full-surface adhesive surface
- flame retardant (building material class B1 according to DIN 4102-01)
- No flaming droplets

Test

Approval No approval

Product details

Design

- length L = 1000mm
- Available in three widths W = 250mm, 355mm and 420mm
- incl. full-surface adhesive coating with protective film

Packaging **FDPL** single plates and **FDPL** sets (consisting of 15 single plates in a tubular film bag incl. cutter knife) – large quantities dispatched loosely stacked on pallets and stretch-wrapped in film; small quantities in cardboard boxes if required

Storage Store in a dry place. Protect from moisture and direct sunlight.

Physical characteristics

Characteristics	Test procedure	Result
Density	ISO 845	appr. 33 kg/m ³
Compression stress at 10% deflection	ISO3386/1	16 kPa
Compression stress at 25% deflection	ISO3386/1	37 kPa
Compression stress at 50% deflection	ISO3386/1	108 kPa
Elongation at break longitudinal	ISO 1798	82 %
Elongation at break transversal	ISO 1798	85 %
Tensile strength longitudinal	ISO 1798	0.20 MPa
Tensile strength transversal	ISO 1798	0.17 MPa
Compression set 25%, 22h, 23°C, 0.5h	ISO 1856	14 %
Compression set 25%, 22h, 23°C, 24h	ISO 1856	6 %
Dimensional stability	ISO 2796	95°C
Thermal conductivity (10°C)	EN 12667	0.038 W/m•K
Flammability	ISO 3795	NBR
Fire behaviour [B1]	DIN 4102	Building material class B1*

* Thickness from 5 mm to 15 mm

Environmental properties

- Percentage of substances of concern according to the ECHA candidate list in accordance with the REACH Regulation < 0.1 mass %
- Free from HBCD, CFCs, partially halogenated CFCs, halogenated blowing agents, silicones and plasticisers.

Note:

The usability of the products in the specific installation situation must be checked by the user. This data sheet is constantly updated. Technical changes are therefore expressly reserved without prior information of the customer. The currently valid version can be found on our website at: www.maxfrank.com. Our General Terms and Conditions of Sale apply in addition.