

Technical Data Sheet

FDPL Distance plate (B2-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 integrated adhesive strips
- Normally flammable (building material class B2 according to DIN 4102-01)

Test

Approval No approval

Product details

Design

- length L = 1000mm
- Available in three widths W = 250mm, 355mm and 420mm
- incl. integrated adhesive strips

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
Volume weight		30 ± 4 kg/m ³
Fire protection	DIN EN 13501-1	Class E
Building material class	DIN 4102-01	B2
Density (bulk density)	ISO 845	approx. 33 kg/m ³
Shore hardness	IE-08	55
Compressive stress at 50% deformation	ISO 842	107 kPa
Compression set after 30 min.	ISO 1856B	12 %
Tensile strength	ISO 1926	195 kPa
Elongation at break	ISO 1926	133 %
Water vapour diffusion	DIN 53429-1971	5 g/m ² 24 h
Water absorption after 28 days	DIN 53428-1986	< 1 Vol. %
Thermal conductivity 10°C	DIN 52612	0.036 W/(mK)
Applied temperature		approx. -40°C to +95°C
Resistance to UV radiation and ozone		high

Environmental properties

- Percentage of substances of concern according to the ECHA candidate list in accordance with the REACH Regulation < 0.1 mass %
- PE sheet material is free from halogen, CFCs, HFCs, HBCD, silicones and plasticizers

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.