

DPC

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Damp Proof Membrane

DPC, an abbreviation for Damp Proof Course is a waterproof continuous layer. This versatile waterproof and moisture-proof foil is made from fully recycled waterproof polyethylene.

DPC is not affected by acids contained naturally in the water, it is decay-free and non-toxic.

Its waffle structure on the top and bottom surfaces ensures optimal adhesion.



Applications

- **DPC** is used in a broad range of applications in construction including walls, foundations and frame connections on the masonry.
- **DPC** protects construction and insulation materials against weather influences from the outside. Note that DPD foil is not UV-resistant, hence it is advisable that it is not exposed to sunlight for a very long time.

Features & Advantages

- Waterproof
- Environmentally friendly, non-toxic and 100% recyclable.
- Good resistance to acid and alkaline substrates
- Waffle structure for optimal adhesion
- High tensile strength and elongation at break.
- Easy to process

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Mechanical Properties

Property	Method	Result
Durability- Alkali Resistance	EN 1847; EN 1928 method A	Pass
Durability- watertightness after artificial ageing	EN 1296; EN 1928 method A	Pass
Weight	EN 1849-2	275 gr/ m ² ± 20%
Reaction to fire	EN 11925-2; EN 13501-1	Class F
Resistance to Impact	EN 12691	200 mm
Resistance to low temperature	EN 495-5	- 25 ° C
Tensile properties	EN 12311-2 method A	Maximum tensile force ≥ 130 N/50mm (longwise) and ≥95 N/ 50mm (crosswise)
Tensile properties	EN 12311-2 method A	Elongation at maximum tensile force: ≥ 220 % (longwise) and 120 % (crosswise)
Watertightness	EN 1928 method A	Pass

Sizes

DPC foil is supplied in individually wrapped packaging in 25 m length rolls. The following widths are available: 20 cm, 25 cm, 30 cm, 50 cm and 100 cm.

Storage

The product should be kept under cover, at temperatures between +0 °C and +45 °C. The product has no expiry date.

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