



PANDSER DPC FILM

GENERAL INFORMATION

DPC film is a strong, black damp-proof PE membrane. It is used to prevent moisture problems in building structures, such as rising damp and penetrating moisture. DPC film is used, among other applications, in inner cavity walls, window frame connections to masonry, foundations, floors, and facade or wall constructions.

The membrane complies with EN 14909:2012 and is waterproof. Thanks to the embossed waffle pattern on both sides, the membrane adheres better to the substrate or to mortar. In addition, DPC film is resistant to acids that may occur in groundwater and to acids and alkalis from adjacent building materials.

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PRODUCT VARIANTS

Description	Articleno.	EAN code
Pandser DPC 100 mm x 50 M	WKFDP500-0100	8713331244594
Pandser DPC 150 mm x 50 M	WKFDP500-0150	8713331244662
Pandser DPC 200 mm x 50 M	WKFDP500-0200	8713331244730
Pandser DPC 250 mm x 50 M	WKFDP500-0250	8713331244877
Pandser DPC 300 mm x 50 M	WKFDP500-0300	8713331244945
Pandser DPC 350 mm x 50 M	WKFDP500-0350	8713331245010
Pandser DPC 400 mm x 50 M	WKFDP500-0400	8713331245089
Pandser DPC 450 mm x 50 M	WKFDP500-0450	8713331245157
Pandser DPC 500 mm x 50 M	WKFDP500-0500	8713331245225
Pandser DPC 600 mm x 50 M	WKFDP500-0600	8713331245294
Pandser DPC 900 mm x 50 M	WKFDP500-0900	8713331245508
Pandser DPC 1000 mm x 50 M	WKFDP500-1000	8713331245577
Pandser DPC 1200 mm x 50 M	WKFDP500-1200	8713331245645

APPLICATIONS

- Floors
- Facades and walls
- Foundations
- Inner cavity walls
- Window frame connections to masonry
- Horizontal and vertical construction joints

FEATURES

- Waterproof
- Embossed waffle pattern on both sides
- Resistant to acids in groundwater and to acids and alkalis from building materials
- Cut on one side for easy unrolling
- Sustainably produced from recycled material
- Strong, flexible and easy to install

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TECHNICAL DATA

Properties	Performance	Test standard
Material	PE (polyethylene)	
Colour	Black	
Thickness	300 microns 0.3 mm	
Weight	275 g/m2 +/- 20%	
Watertightness after artificial ageing	Pass	EN 14909:2012
Low-temperature flexibility	Down to -25 °C (1)	
Reaction to fire	Class F	
Watertightness (method A)	Pass	
Alkali resistance	Pass	
Embossed pattern	Yes	
Temperature resistance	-25 °C to +80 °C	
Weight	275 g/m2 +/- 20%	
Recyclable	Yes, very good	
Made from recycled material	90%	
Elongation at break	45-600% (2)	
Tensile strength	95-380 N (2)	
Tear strength	120-380 N	
Harmonised standard	EN 14909:2012	
DoP no.	BDR044	
AVCP class	AVCP 3	
UV resistant	No	

- (1) flexible at low temperatures
 (2) depending on membrane thickness
 DPC stands for Damp Proof Course



INSTALLATION

Install the DPC membrane on a clean, flat and dry substrate. Ensure that the membrane fits properly and has sufficient overlap at connections and joints so that the damp-proofing function is maintained.

The membrane can be mechanically fixed. On wooden substrates, for example, stainless steel or galvanised staples may be used. When fixing to timber or substructures, stainless steel or galvanised screws with a wide washer or load-distribution plate may also be used to prevent the membrane from tearing. On mineral substrates, such as concrete or masonry, the membrane can be fixed with suitable hammer-in fixings, plugs with screws or clamping strips.

Avoid unnecessary perforations in the water-retaining plane. Preferably fix the membrane at the edges or in places where the fixing is covered or clamped by the adjoining construction. After installation, check that the membrane lies flat, is not damaged and has adequate overlap.

STORAGE ADVICE

Store PANDSER DPC membrane dry, clean and protected from weathering, preferably in the original packaging. Protect the rolls from direct sunlight, UV radiation, moisture, contamination, sharp objects, heat sources and heavy mechanical load. Prolonged exposure to UV radiation may adversely affect the properties and service life of the membrane. Check the membrane for damage, deformation or contamination before installation.

DISCLAIMER; PANDSER is not liable for damage, leakage, moisture problems, reduced performance or consequential damage resulting from incorrect installation, improper assembly, insufficient overlap, damage to the membrane, unsuitable fixing materials, incorrect application or failure to comply with the applicable installation instructions. The installer is responsible for assessing the suitability of the product for the specific application and for correct placement within the construction. In case of doubt about the application, substrate or fixing method, advice should be obtained in advance from a building specialist or the supplier.