

Gas Resistant DPC Data Sheet



The Cordek Gas Resistant DPC is a polymeric DPC, designed for use in applications where combined damp proofing and gas protection is required. The DPC is robust and flexible, performing well under high compressive loads.

Key Features

- Excellent all round physical properties, including resistance to methane, carbon dioxide and radon
- Flexible, even at low temperatures
- Good mortar adhesion properties
- Available in a range of widths to suit a variety of applications and helps to minimise wastage.

Installation

The Cordek Gas Resistant DPC should extend fully across the cavity and through the full thickness of the external wall, including pointing, applied rendering or other facing material. It must be laid on a wet, even bed of mortar with any perforations in adjacent courses of brickwork fully closed with mortar. All lap joints within the installation must have a minimum 150mm overlap and be completely sealed with the Cordek Double Sided Jointing Tape.

Storage & Handling

The Cordek Gas Resistant DPC should be stored in a cool, dry environment, away from direct sunlight.

For further information on the full range of VOC & Ground Gas Protection, please contact the Cordek technical team on 01403 799600, techsupport@cordek.com or consult our website at www.cordek.com.



Product Data

Typical Properties:

Thickness	Nominal 1.0mm
Tensile Strength	15 Nmm ²
Elongation at Break	600%
Dco ² (cm ² s ⁻¹)	3.24 x 10 ⁻⁷
Methane Permeability (k):	1.16 x 10 ⁻¹⁴

Characteristic	Test Method	Units	Compliance Criteria	Value or Statement
Visible defect	EN 1850-2	-	Pass/fail	Pass
Length	EN 1848-2	m	+/-5%	20.0
Width	EN 1848-2	m	+/-5%	0.1 to 1.0
Straightness	EN 1848-2	-	Pass/fail	Pass
Thickness	EN 1849-2	mm	+/-10%	0.6
Mass	EN 1849-2	g/m ²	+/-10%	588
Water tightness	EN 1928	-	Pass/fail	Pass
Durability (artificial ageing)	EN 1928	-	Pass/fail	Pass
Durability (alkali)	EN 1928	-	Pass/fail	Pass
Resistance to impact	EN 12691	mm	>MLV	250
Resistance to low temp	EN 495-5	°C	MDV	-40
Resistance to tearing	EN 12310-1	N	MDV	270
Water vapour transmission	EN 1931	g/(day.m ²)	MDV	0.5
Resistance to static loading	EN 12730	Kg	>MLV	Pass 20
Joint strength	EN 12317-2	N/50mm	MDV	153

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DISCLAIMER: Information contained within this 'Technical Data Sheet' is for guidance only, and it is intended for experienced construction industry workers. It contains summaries of aspects of the subject matter and does not provide comprehensive statements of construction industry practice. As conditions of usage and installation are beyond our control we do not warrant performance obtained. Please contact us if you have any doubt as to the suitability of application. The information provided within this document is based on data and knowledge correct at the time of printing.

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