



# Damplas damp proof membranes

CE Marked to EN 13967

- Manufactured using 100% recycled polythene
- BBA Accredited (certificate number 09/4692)

## DESCRIPTION

Dampas Damp Proof Membranes are manufactured from a controlled blend of recycled polythene for use for use as a Type “A” damp proof membrane as defined by BS EN 13967: 2012. It is black or blue in colour, available in 250 $\mu$ , 300 $\mu$  and 500 $\mu$  thicknesses and is supplied in convenient multi folded rolls and Handi-Paks.



## SYSTEM ACCESSORIES

- Dampas Double-sided jointing tape
- Dampas Single-sided jointing tape
- Dampas CPT Plus DPC
- Dampas flexible Top Hat cloaks
- Dampas rigid Top Hat cloaks

## COMPOSITION

Manufactured from blown polythene film, Dampas damp proof membranes are produced from 100% recycled polythene sheet with black or blue pigment.



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## APPLICATION

Damplas damp proof membranes are suitable for use below concrete floors in accordance with clause 11 of CP 102:1973, where there may be capillary rise of moisture but not where it may be subject to hydrostatic pressure. For jointing dpm sheets of Damplas DPM, DPM to DPC and DPC to DPC, Damplas approved jointing system should be used. To complete the approved system use the above listed system accessories.

Care must be taken to ensure the selection of the correct membrane solution. Depending upon ground conditions Damplas Radon barrier or Damplas Gas Plus membrane should be used. Consult the relevant data sheets and local Building Control Officer.

## INSTALLATION

When used in accordance with the terms of the Damplas BBA certificate and the relevant clauses of CP102: 1973 in concrete floors not subject to hydrostatic pressure, Damplas Damp Proof Membranes form an effective barrier to the passage of moisture from the ground. The DPM must be continuous with the DPC in the surrounding walls. The membrane should be installed on a compacted sand blinding layer or smooth concrete float finish. Care should be taken to ensure that the membrane is not stretched or displaced when placing the concrete or screed over the membrane.



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## JOINTING PROCEDURE

Always ensure that the membrane is clean, dust free and dry at the time of jointing. Adjacent sheets must be overlapped by a minimum of 150mm. Bond together using Damplas Double Sided Jointing Tape. The joint should then be sealed using Damplas Single Sided Jointing Tape. Where the sheets have been punctured they should be patched with sheets of identical thickness lapped at least 150mm beyond the limits of the puncture and bonded with Damplas Double-sided Jointing Tape and sealed with Damplas Single-sided Jointing Tape.

## SERVICE PIPE PENETRATIONS

Use Damplas flexible or rigid Top Hat Pipe Cloaks for any service pipe penetrations. The base of the Damplas Top Hat Units should be sealed using Damplas Double-sided Jointing Tape and sealed with Damplas Single-sided Jointing Tape.

## COVERING

Dampas Damp Proof Membranes should be covered as quickly as possible with a protective layer once installed and care taken so the membrane is not punctured stretched or displaced when the screed or final floor covering is applied. 50mm minimum thickness of screed is recommended and when reinforced concrete is to be laid over the product the wire reinforcement and spacers must be prevented from contacting the membrane.



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## STORAGE AND HANDLING

The membrane should be stored under cover, the material is not suitable to be exposed to long periods of weathering as UVI light will cause the product to become brittle. All jointing tapes should be stored in a dry area and installation is not recommended below 5°C.

## TECHNICAL DATA - CE MARK

Dampplas Damp Proof Membrane complies with the requirements and clauses of EN 13967: 2012 – Flexible sheets for waterproofing - Plastic and rubber damp proof sheets including plastic and rubber basement tanking sheet.

The British Board of Agreement performed the initial inspection of the manufacturing plant and factory production control, the continuous surveillance, assessment and evaluation of factory production control, and issued the certificate of constancy of conformity of the factory production control. 0836–CPR – 13/F048 applies. EN 13967 : 2012



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## PERFORMANCE DATA SHEET

Characteristic	Test method	Units	Standard	250mu	300mu	500mu
Visible defects	EN 1850 -2	-	Pass/Fail	Pass	Pass	Pass
Length	EN1848 – 2	m	-0%/+10%	25	25	12.5
Width	EN1848 – 2	m	-2.5%/+2.5%	4	4	4
Straightness	EN1848 – 2	-	Pass/Fail	Pass	Pass	Pass
Thickness	EN1849 – 2	mm	-12.5%/+12.5%	0.25	0.3	0.5
Mass	EN1849 – 2	g/m <sup>2</sup>	-12.5%/+12.5%	240	273	465
Tensile strength – MD	EN 12311	N/mm <sup>2</sup>	>MLV	18.5	20	18.5
Tensile strength - TD	EN 12311	N/mm <sup>2</sup>	>MLV	19.0	20	19.0
Tensile elongation – MD	EN 12311	%	>MLV	335	350	325
Tensile elongation - TD	EN 12311	%	>MLV	365	375	325
Joint strength	EN12317 – 2	N	>MLV	135	138	245
Watertightness 2kPa	EN1928	-	Pass/Fail	Pass	Pass	Pass
Resistance to impact	EN 12691	m	>MLV	30	30	30
Durability (artificial ageing)	EN 1296 & 1928	-	Pass/Fail	Pass	Pass	Pass
Durability (chemical resistance)	EN 1847	-	Pass/Fail	Pass	Pass	Pass
Resistance to tearing (nail shank) – MD	EN 12310-1	N	MDV	166	210	315
Resistance to tearing (nail shank) – TD	EN 12310-1	N	MDV	175	240	295
Resistance to static loading	EN 12730	Kg	>MLV	Pass – 20kg	Pass – 20kg	Pass – 20kg
Water vapour transmission – resistance	EN 1931	MNs/g	MDV	575	683	890
Water vapour transmission - permeability	EN 1931	g/m <sup>2</sup> /d	MDV	0.36	0.3	0.23



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