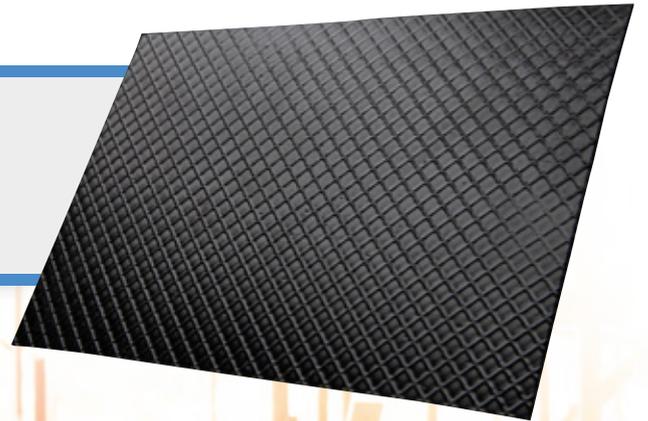




# Sovereign Gas Protection DPC

Sovereign Gas Protection DPC is a unique single layer, embossed high performance Damp Proof Course.



## Product Code

600 mm: **30616464**

900 mm: **30616465**

## Description

Sovereign Gas Protection DPC is a unique single layer, embossed high performance Damp Proof Course. It is specifically designed and manufactured to perform as a Methane, Carbon dioxide, Radon and moisture resistant, damp proof course. Sovereign Gas Protection DPC complies with the latest codes of practice as published by BRE, CIRIA, and BSI. Suitable for use as a high performance DPC for vertical and horizontal applications. Superior adhesion to mortar is essential for buildings of 3+storeys high.

## Handling

Roll weights can be in excess of 5 kg and hence appropriate care and equipment is required for unloading and handling.

## Installation

Sovereign Gas Protection DPC should be installed in accordance with the product installation guidelines, and in accordance with BS 8215:1991, BS 8000:part 3 and BS 5628. It can be used in most common floor constructions and is installed in a similar manner to damp proof membrane. For external walls the DPC should be applied 150 mm above the adjoining surface and should be linked to a DPM or gas resistant DPM in solid floors. The DPC should be applied to a fresh bed of mortar, completely free of projections that may puncture the material or impede the DPC from lying flat.

## Jointing and Sealing

Sheets of Sovereign Gas Protection DPC must be clean, dry and free from dirt and grease before application of jointing tape. Sovereign Gas protection DPC may also be heat welded to the underlying gas resistant membrane.



### TECHNICAL DATA

#### PHYSICAL PROPERTIES

Roll size	600, 900 mm x 20 m
Membrane thickness	0.8 mm
Mass:	730 g/m <sup>2</sup>

#### HYDRAULIC PROPERTIES

Water vapour permeation:	0.09 g/m <sup>2</sup> /day
Resistance to water penetration:	Pass
Resistance to static load:	20 kg
Tensile strength (MD):	24 N/mm
Tensile strength (CMD):	22 N/mm
Tensile elongation (MD):	398 %
Tensile elongation (CMD):	446 %
Resistance to impact:	660 mm
Resistance to tearing (MD):	700 N
Resistance to tearing (CMD):	750 N
Joint strength:	520 N

#### DURABILITY AND CHEMICAL RESISTANCE

Heat ageing:	Pass
Chemical resistance:	Pass
Resistance to fire:	Class F
Resistance to low temperature:	Pass@-40°C

#### GAS PERMEABILITY

Methane:	<33.9 ml/m <sup>2</sup> /day/atm
Radon:	9.5 x 10 <sup>-12</sup> m <sup>2</sup> /s

#### Characteristics

Pre-Compression:	Shear strength:
0.2 N/mm <sup>2</sup>	0.14 N/mm <sup>2</sup>
0.6 N/mm <sup>2</sup>	0.34 N/mm <sup>2</sup>
1.0 N/mm <sup>2</sup>	0.52 N/mm <sup>2</sup>

### COVERAGE

1 roll of 600 mm x 20 m = 12m<sup>2</sup>  
1 roll of 900 mm x 20 m = 18m<sup>2</sup>

**Storage:** Rolls should be stored on a stable ground and stacked no more than 5 rolls high. Rolls can be stored outside but shouldn't be exposed to UV light.

### HEALTH & SAFETY

Product is not classified as hazardous.



Health & safety information available on request

### COMPLIANCE AND CERTIFICATION



CE Mark - EN13967:2012  
NHBC Standards Compliant  
BS 8485 :2015 Compliant  
BS EN 14909:2012 Compliant



#### Important Disclaimer

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