



# Sovereign Gas Protection Edge Strip

Sovereign Gas Protection Edge Strip is a specially designed narrow width roll for the Sovereign Gas Protection Bond.



**Product Code**  
**30616384**

### Description

Sovereign Gas Protection Edge Strip is a specially designed narrow width roll for the Sovereign Gas Protection Bond for use on kicker details and transition areas from horizontal to vertical. The detailing strip can be supplied with 800 mm of geotextile cover for use with the Gas Protection Bond system.

### Compliance and Certification

CE Mark - EN13967:2012

NHBC Standards Compliant

BS 8485 :2015 (methane and carbon dioxide barrier)

CIRIA C748 Compliant (VOC Barrier)

BS 8102:2009 Compliant (type A waterproofing barrier)

### Features

- ✓ Quick and easy installation
- ✓ Can be a fully welded system
- ✓ High resistance to ground gases
- ✓ Exceptional chemical resistance
- ✓ Manufactured to meet the most up to date British Standards and Guidance
- ✓ Long term durability (Performance guaranteed for the lifetime of the building)



# Sovereign

## Gas Protection Edge Strip

Technical  
Data Sheet **340**

### TECHNICAL DATA

#### PHYSICAL PROPERTIES

Weight:	650 g/m <sup>2</sup>
Membrane thickness:	2.0 mm
Roll size:	1.0 m x 25 m

#### HYDRAULIC PROPERTIES

Water vapour transmission rate:	0.11 – 0.18 g/m <sup>2</sup> /day
Water tightness(60kPa):	Pass
Water tightness(196kPa):	Pass

#### MECHANICAL PROPERTIES

Resistance to static load:	>20 kg
Puncture resistance:	>2.5 kN
Tensile strength (MD):	>550 N/50mm
Tensile strength (CMD):	>400 N/50mm
Tensile elongation (MD/CMD):	>550 %
Tear resistance:	>300 N
Resistance to impact:	>1650 mm
Reaction to fire:	Class E
Concrete peel adhesion:	>3.0 kN/m
Resistance to artificial ageing:	Pass
Resistance to chemicals:	Pass

### DURABILITY AND CHEMICAL RESISTANCE

#### TRANSMISSION RATE OF:

Vapour Permeability:	100% Concentrate
Benzene:	<3.6 mg/m <sup>2</sup> /day
Toluene:	<13.8 mg/m <sup>2</sup> /day
Ethyl Benzene:	<2.7 mg/m <sup>2</sup> /day
Xylenes (M,P,O):	<7.7 mg/m <sup>2</sup> /day
Hexane:	<0.06 mg/m <sup>2</sup> /day
Vinyl Chloride:	<0.05 mg/m <sup>2</sup> /day
Trichloroethene (TCE):	<54.7 mg/m <sup>2</sup> /day
Tetrachloroethene (PCE):	<26.2 mg/m <sup>2</sup> /day
Naphthalene:	<0.0006 mg/m <sup>2</sup> /day
Dichloroethylene:	<1.1 mg/m <sup>2</sup> /day

#### GAS PERMEABILITY

Methane:	0.13 ml/m <sup>2</sup> /day/atm
Methane (jointed):	1.00 ml/m <sup>2</sup> /day/atm
Carbon Dioxide:	3.01 ml/m <sup>2</sup> /day/atm
Vinyl Chloride:	0.04 ml/m <sup>2</sup> /day/atm
Radon:	1.0 x 10 <sup>-12</sup> m <sup>2</sup> /s

### COVERAGE

1 roll covers 100 m<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



#### Important Disclaimer

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