

# Gastite DPC



## Product Data Sheet

December 2005

### Gas Resistant DPC

#### Features and benefits

- Polyester reinforced
- 50 micron aluminium core
- Flexible rubber-modified bitumen
- Low permeability to gas

#### Description

The Ruberoid Gastite system offers a solution to the problem of protecting buildings against ground gas infiltration e.g. methane. Gastite DPC provides protection in load bearing situations either horizontally or as a cavity tray, preventing gas ingress via the wall construction. Protection is completed using either Gastite LL (loose laid) at ground level as a damp proof membrane, or Gastite DPM (self adhesive), which can be used as a damp proof membrane or below ground as an internally or externally applied tanking membrane.

Gastite DPC is a polyester reinforced damp proof course, incorporating a 50 micron aluminium core coated with an elastomeric bitumen compound. It is sand finished and supplied in roll form cut to standard sizes.

The Gastite system ensures that the passage of gasses is prevented from entering the fabric of the building with venting systems and airbricks allowing them to escape safely into the atmosphere.

#### Product details

| Dimensions and weights           | Gastite DPC |
|----------------------------------|-------------|
| Nominal weight kg/m <sup>2</sup> | 4.0         |
| Nominal thickness mm             | 3.0         |
| Nominal length m/roll            | 8           |

#### Standard widths

| Roll width            | 100 | 112.5 | 125 | 150 | 225 | 300 | 337.5 | 360  | 450 | 600 | 900 | 1000 |
|-----------------------|-----|-------|-----|-----|-----|-----|-------|------|-----|-----|-----|------|
| m <sup>2</sup> / roll | 0.8 | 0.9   | 1   | 1.2 | 1.8 | 2.4 | 2.7   | 2.88 | 3.6 | 4.8 | 7.2 | 8    |

Non-standard widths are available to order in 25mm increments.

| Typical performance                                      |    |                      |
|--|----|----------------------|
| Water vapour resistance MNs/g                            |    | >5000                |
| Tensile strength at break N/mm <sup>2</sup>              | MD | 450                  |
|  | CD | 450                  |
| Elongation at break %                                    | MD | 25                   |
|  | CD | 50                   |
| Tear strength N  | MD | 180                  |
|  | CD | 200                  |
| Methane gas transmission rate ml/m <sup>2</sup> /24hours |    | <0.14                |
| Low temperature flexibility                              |    | No cracking at -15°C |

## **Other products**

Full product literature, health & safety and technical sheets are available as downloads from our website [www.ruberoid.co.uk](http://www.ruberoid.co.uk) or on request by email: [marketing@ruberoid.co.uk](mailto:marketing@ruberoid.co.uk)

### **Ruberoid Building Products**

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