

Protech GR-DPC

GAS PROTECTION

DESCRIPTION

Protech GR-DPC is a gas resistant DPC used through junctions with cavities or masonry to protect against the ingress of gas and damp.

Protech GR-DPC can be used on any site where Carbon Dioxide, Radon or Methane is a problem. Methane will occur on any sites previously used for landfill. Such conditions can exist on household, commercial and industrial sites. Protech GR-DPC is suitable for stepped cavity applications.

Protech GR-DPC should be taken through the cavity and formed as per the design. The connecting gas membrane should be laid on top of this and sealed with either Protech GM Tape or Protech GM Flashing in the perimeter areas. Protech GR-DPC can also be taken through internal walls where detailing with the gas membrane is difficult.

KEY FEATURES

- Roll size; 600mm x 20m
- Excellent all round physical properties.
- Flexible at low temperatures.
- Good mortar adhesion.
- Easy and clean to use.
- No pitch or plasticisers.
- Available in a range of standard widths.
- Normally in stock for quick delivery.
- CE marked to EN 14909

INSTALLATION PRACTICE

- Protech GR-DPC must extend through the full thickness of the wall, including pointing, applied rendering or other facing material.
- Protech GR-DPC must be laid on a wet, even bed of mortar and perforations in adjacent courses of brickwork must be closed with mortar.
- All lap joints must have a minimum 100mm overlap and be completely sealed with Protech GM Tape.



Characteristic	Test Method	units
Thickness	ENI 4909:2012	800µm
Width	BS 8485:2015	600mm
Length	-	20m
Colour	-	Black
Radon permeability	-	6 (10 ⁻¹² m ² /s)
Radon transmittance	-	5 (10 ⁻⁹ m/s ⁻¹)
Methane permeability	ISO 15105-1	33.95 ml/m ² /day/atm
Water vapour transmittance	-	0.1 g/m ² /day
Nail tear strength	-	>700N
Tensile strength	-	>22 N/mm ²
Durability (heat ageing)		Pass
Resistance to low temperature	-	Pass @ -40°C



Download a full Gas Protection brochure from our website...

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