

The prominent key on the DPC creates superior motor adhesion which is essential when being used in 3+ storey applications. Radbar High Performance DPC is compliant to BS EN 14909:2012 and can be used in both vertical and horizontal applications. The DPC carries British Board of Agreement Certification under certificate number **BBB-1087**, this ensures complete confidence in use and the product has been made to the highest standard. More information can be found on the certificate which can be downloaded at www.capitalvalleyplastics.com.

Physical Properties:

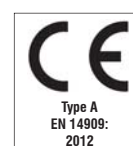
Physical Description	Value
Thickness	600 Micron
Density	0.925 g/cm³
Colour	Black
Length	20M
Width	100-1200mm



- **Outstanding water vapour resistance**
- **Excellent resistance to radon gas**
- **Very high puncture and tear resistance**
- **Superior mortar adhesion**
- **Part of the Radbar Radon System**
- **Full range of accessories available**
- **BBA Certificate No. *******



Radbar High Performance DPC is classified as non-hazardous (code of practice CP101 1973). The membrane is chemically inert and will not react with any acidic or alkaline environment it is laid in. It is not recommended that the DPC is exposed to sunlight for long periods of time. Weathering will not occur when installed, if being stored for a lengthy period, the rolls should be stored undercover, out of direct sunlight on a flat level surface.



www.capitalvalleyplastics.com

Cwmavon Factory, Cwmavon, NR Pontypool



Tel: 01495 772255

Fax: 01495 772251

E-mail: sales@capitalvalleyplastics.com

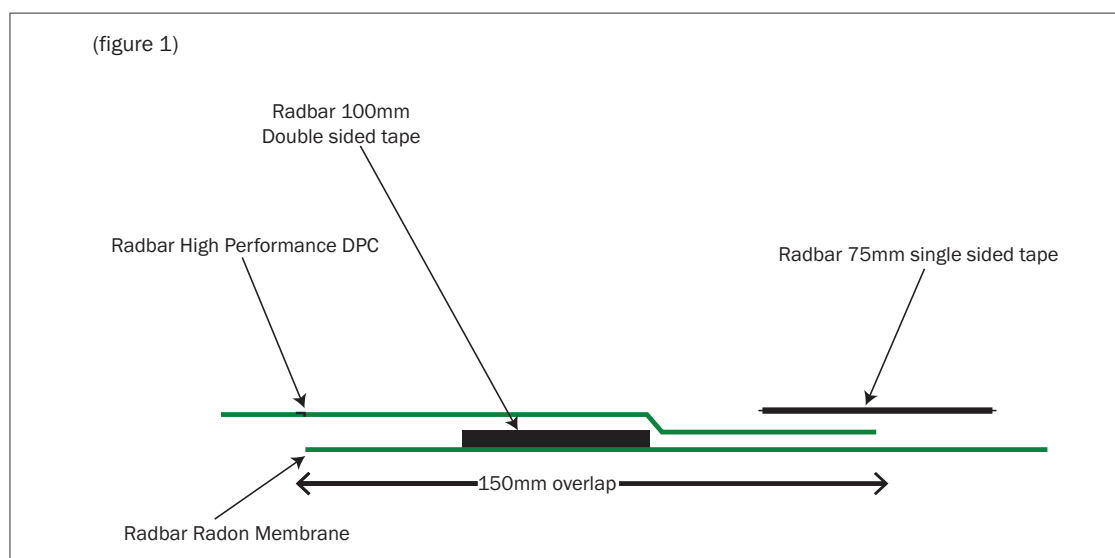
Installation

Radbar High Performance DPC must be installed in accordance with the guidelines laid out in BS 8215:1991, BS 8000:part 3 and BS 5628. Radbar High Performance DPC can be used in most common floor constructions and is installed in a similar manor to standard damp proof membrane. For external walls the DPC should be applied 150mm above the adjoining surface and should be linked to a damp proof membrane or gas barrier 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 of Radbar High Performance DPC

Sheets must be clean and free from dirt and grease before application of Radbar double sided gas tape, and in view of the difficulty of achieving gas tight seals under wet or dirty conditions it is recommended that special care is taken with this aspect of the installation. Unroll one width of the membrane after determining the most effective method of covering the area. Apply the Radbar double sided gas tape about 50mm from the edge, leaving the backing paper on. Lay the next width of membrane overlapping the first by 150mm. Remove the backing paper from the Radbar double sided gas tape and join the top sheet to the bottom sheet by applying pressure with a hand roller. Where the membranes overlap apply the 100mm single sided tape, equidistant on both membranes. See figure 1.

All service entry points must have airtight seals. Top hats and corner pre-forms must be sealed using Radbar Double sided gas tape. (As in figure 1)



Radbar Radon System Components and Accessories

When used in conjuncture with other products in the range Radbar High Performance DPC is part of a highly effective complete system to prevent the ingress of Radon gas. These products include but are not limited too:

- Radbar Double sided joint tape
- Radbar Single sided joint tape
- Radbar top hats (110&160mm)
- Radbar Radon membrane
- Radbar Internal/External corners



Tel: 01495 772255

Fax: 01495 772251

E-mail: sales@capitalvalleyplastics.com

www.capitalvalleyplastics.com

Cwmavon Factory, Cwmavon, NR Pontypool