

CAPITAL  VALLEY
PLASTICS

Manufacturers of Gas Barriers, Damp Proof Membrane & DPC



The Company

Founded in 1987 **CVP** is an award winning Manufacturer based in Cwmavon (South Wales).

Situated within its own private grounds in the Welsh valleys we have proven that industry can work well with nature.

Our efforts to pro-actively and relentlessly improve our methodology behind every aspect of the business means that we are able to provide leading edge products with a sophisticated and reputable service.

To achieve this we have ensured that our products are fully certified by professional bodies including:

BBA (British Board of Agreement) • IAB (Irish Agreement Board)
Membership to PIFA • ISO9001 Accreditation

We are proud of our many accolades however, it is our belief in what we do and our dedicated knowledgeable staff and engineers that really place us at the forefront of this industry, this has allowed us to be recognised and respected throughout the market place.

Our capability to be truly flexible in both production and cost means that we have served customers both large and small effectively and competitively over the years of trading, enabling us to build strong relationships with everybody from Architects to single Merchants.

Our Brand

Established in the year 2000 our **RADBAR** range of Gas membranes have developed into an extremely strong brand amongst Architects, Merchants, and Builders in the building industry. With 13 years of developing under our belt the RADBAR product range has been the key to our success and illustrates our commitment to the builder's trade, bringing new innovative ideas and products which are required in an increasingly tough regulated industry.

Working closely with many clients and end users of our RADBAR range we are able to continuously improve our products to fulfil every requirement in the market place gaining the trust and loyalty that we deserve as the partner of choice in this ever changing industry.

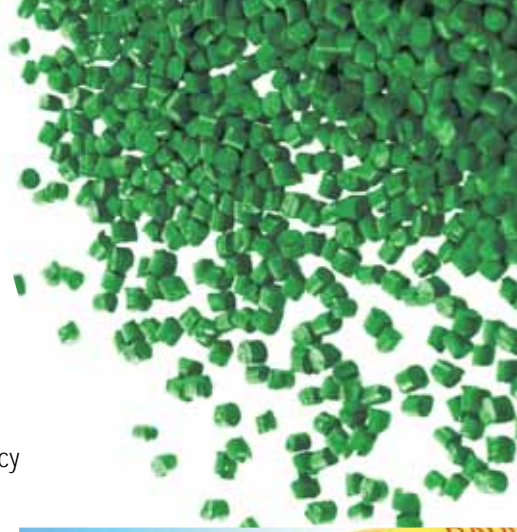
RADBAR is recognised by RIBA and is listed in the NBS Plus facility.



Radbar®

RADBAR Gas Barrier Radon System

- Independently tested and certified throughout Europe by the following organisations:- BBA UK, IAB Ireland, NBI Norway SITAC Sweden.
- RADBAR Radon is tested with a Radon gas source and is proven to be an efficient barrier against Radon Gas.
- A quality driven product used throughout Europe and the UK required to protect you against Cancer causing Radon gasses.
- This Gas Barrier is produced at 300Mu (Micron) using only Top Grade materials to ensure consistency and quality.
- Where cost is critical, RADBAR can be more economical than other certified products ensuring a combination of quality with cost efficiency
- With our standard roll dimensions at 4m x 25m it is easy to install whilst also reducing the use of tape and sealants required for jointing.
- Custom roll sizes available including centrefold format, please ask our sales team for further information.
- An extremely strong and durable material with superior elongation properties compared to reinforced membranes.
- These distinct green and red rolls are all uniquely labelled and registered for complete traceability.
- All Accessories to suit available including RADBAR Single-Side & Double Sided Tape, Radon sumps, Top hats, Sealant and many more.
- Carries the BBA, IAB, and ISO9001 Approval



RADBAR Amber 2 Gas Barrier System (Methane, Co₂ and Radon protection)

- This is our leading product suitable against the ingress of Radon, Methane & Carbon Dioxide Gasses.
- Tested by a leading independent R&D service RAPRA an approved UKAS Laboratory.
- Complies with the NHBC, Amber 2, BRE Report BS8485: 2007 and the ground & gas handbook and is produced within the BBA and ISO9001 procedures.
- Where cost is critical, RADBAR can be more economical than other certified products ensuring a combination of quality with cost efficiency.

- Over 60% thicker than the recommended requirement by the Building Research Establishment they are very flexible and easy to install.
- Amber 2 Gas Barrier is produced at 500Mu (microns) using only top grade material.
- Amber 2 is produced in 2m x 25m & 4m x 12.5m however bespoke sizes can be produced, please ask our sales team for further information.
- These distinct Orange coloured rolls are all uniquely labelled and registered for complete traceability.
- An extremely strong and durable material with superior elongation properties compared to reinforced membranes.
- All Accessories to suit available including RADBAR Single-Side & Double Sided Tape, Radon sumps, Top hats, Sealant and many more.



Capital VCL (Moisture Vapour Barrier)

Moisture vapour barriers are produced to a high standard. We manufacture all moisture vapour barriers from top grade material working within strict tolerances under the ISO9001 accreditation.

The product meets the NHBC standard 6.2.

Predominantly used within timber frame constructions Capital VCL can be used across many other applications such as flooring and ceiling projects and comply with the BRE (Builders Research establishment) regulations clause.

- Manufactured in either Clear or Green coloured rolls they are always produced see through making fixing points easy to locate.
- 2.5m x 50m & 2.7m x 50m are typical sizes to suit floor to ceiling measurements for minimal wastage, custom sizes are available please ask our sales team for further information.
- Custom thickness ranging from 125 to 250 micron.
- These rolls are uniquely labelled and registered for complete traceability.
- Multi-Folded or centre-folded sheeting for easy storage and handling.



WIDTH	LENGTH	GAUGE	COLOUR
2.5 metres	50 metres	125 to 250 Micron	Green Tint or Clear
2.7 metres	50 metres	125 to 250 Micron	Green Tint or Clear
3.0 metres	50 metres	125 to 250 Micron	Green Tint or Clear
3.6 metres	25 Or 50 metres	125 to 250 Micron	Green Tint or Clear
4.0 metres	25 Or 50 metres	125 to 250 Micron	Green Tint or Clear

PIFA Approved Damp Proof Membrane

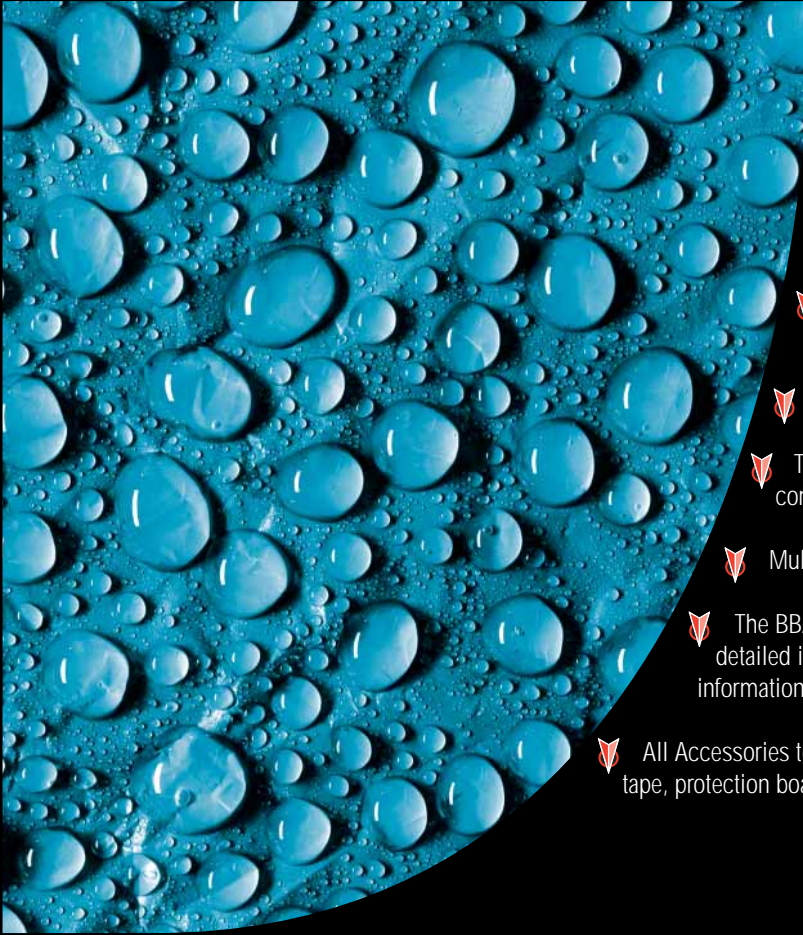
- ✦ PIFA approved damp proof membrane is a recognised product providing confidence in installation.
- ✦ This range is available in either Black or Blue.
- ✦ Product comes in 3 thicknesses, 250,300,500 Micron with customisable dimensions.
- ✦ These rolls are all uniquely labelled and registered for complete traceability.
- ✦ Because of strict production tolerances raw materials selection is very important, only quality materials are used when producing PIFA grade DPM.
- ✦ Multi-Folded sheeting for easy storage and handling.
- ✦ The PIFA certificate gives detailed information about the product with production tolerances, storage, and technical information.
- ✦ All Accessories to suit available including Double Sided Tape, Single Sided tape, protection boards, preformed corners and many more.



WIDTH	LENGTH	GAUGE	COLOUR
4.0 metres	25 metres	250 Micron	Blue or Black
4.0 metres	25 metres	300 Micron	Blue or Black
4.0 metres	12.5 metres	500 Micron	Blue or Black
2.0 metres	25 metres	500 Micron	Blue or Black
2.0 metres	50 metres	250 Micron	Blue or Black
2.0 metres	50 metres	300 Micron	Blue or Black



Damp Proof Membrane BBA



- ✔ This popular membrane is the most commonly used in the UK building industry, CVP produced millions of rolls over the last 26 years and have helped fulfil 1000's of projects around the UK & Europe with trust and reliability.
- ✔ Made from a 100% recycled material this is an economical alternative to other membranes not forgetting the most environmentally friendly product in the industry.
- ✔ Product comes in 3 thicknesses, 250,300,500 Micron with customisable dimensions.
- ✔ These rolls can be manufactured in Blue, Black and Clear.
- ✔ These rolls are all uniquely labelled and registered for complete traceability.
- ✔ Multi-Folded sheeting for easy storage and handling.
- ✔ The BBA (British Board of Agreement) certification allows you to view detailed information on production tolerances, storage and technical information all available upon request.
- ✔ All Accessories to suit available including Double Sided Tape, Single Sided tape, protection boards, preformed corners and many more.



General Purpose Sheeting

This sheeting is produced from recycled or virgin grade material working within strict tolerances under ISO9001; this ensures a high quality product.

- Standard colours are clear, white, black, or blue (other colours available upon request).
- Widths ranging from 1m centrefold to 6m multi-folded.
- Thickness ranging from 30 micron to 500 micron.
- Produced in multi-fold, centrefold and lay flat tubing format.
- Most sizes can be produced from recycled material making the product cost effective and environmentally friendly.
- All can be produced from virgin grade material giving superior clarity and surface finish.



U.V stabilised material available on request.

High slip & non slip materials produced.

Heat Shrink grade material also available between 125-300mu (4m wide & above)

Flat packed into easy to handle packs.

Rubble Sacks also available.

These rolls are all uniquely labelled and registered for complete traceability.

All Accessories to suit available including Double Sided Tape, Single Sided tape, protection boards, preformed corners and many more.



Capital DPC

Capital DPC is specially manufactured for both domestic and industrial use within stone, brick and concrete walls for the prevention of rising damp within these structures. Made from 100% recycled polythene materials Capital DPC provides an environmentally friendly and extremely durable DPC guaranteed to meet British Building Regulations.

The sheet is free of all air bubbles with no visible pin holes and is packed in 30m rolls with other sizes available upon request.

Capital DPC is compliant to BS EN 14909: it is suitable to withstanding a compressive load of up to 2.5N/mm² as long as no lateral load is applied.

The DPC can be used in both vertical and horizontal applications restricting the movement of water within the structures.

Our specially designed DPC is a proven polythene based masterpiece combining & ensuring 100% reliability against any ingress of damp and giving you full peace of mind for your intended project.

- ✔ Manufactured from high quality reprocessed materials to provide a cost effective and durable damp proof course
- ✔ For domestic and industrial construction use
- ✔ Embossed to assist mortar adhesion
- ✔ Proven performance over many years
- ✔ Safe and clean to handle
- ✔ Conforms to the requirements of BS 6515
- ✔ CE Mark to EN 14909
- ✔ Environmentally friendly
- ✔ Easy to install
- ✔ Superior Water resistance compared with the average DPC



STANDARD STOCK SIZE ROLLS	
Widths	Lengths
100mm	30m
112.5mm	30m
150mm	30m
225mm	30m
300mm	30m
337.5mm	30m
450mm	30m
600mm	30m
900mm	30m



Custom Design

In an ever evolving industry where custom products and specifications are becoming more and more of a requirement, meeting the every demand of clients can mean the difference between being successful and failing.

Our capability to custom design and manufacture within our full range of products has kept us at the forefront of our industry with the ability to cater for projects varying from:






Brownfield Sites | Industrial | Domestic

With a current average of 130 tonnes of custom design work produced every month it is fast becoming one of our key differentiators in the market place and increasingly requested skillset with no job too big or too small.

We aim to please when it comes to our products and offer a comprehensive service to ensure that we meet your requirements. Our specially trained staff help develop the right product for you with a few simple steps and with a turnaround from as little as 5 working days:

- Consult** - Our sales staff talk to you to understand the requirement, application and budget
- Advise** - Advice on options of materials/specification & product evaluation
- Design** - Our sales team help you design the decided specification
- Produce** - Manufactured and shipped

For the Packaging world...

-  Polythene sheeting in any size
-  Layflat tubing
-  UV Stabilised
-  Any colour
-  Boxed



n55Plus

CSR

At **Capital Valley Plastics** we take corporate social responsibility very serious, and feel it is an integral part of any modern business. Along with having all ISO14001 environmental requirements integrated into our current ISO9001 quality standard, we are also in the process of obtaining a Green Dragon environmental standard. We feel that this is a statement of intent as to how much we value environmental credentials within our business.

BBA DPM, TPS & DPC are all made from 100% recycled material for minimal impact on the environment. Our materials come from post-industrial and post domestic waste streams and our experience and testing over the years means that we do not compromise on the quality of our products.

We have an accredited recycling plant capable of reprocessing all your redundant LDPE back into a useable raw material. Being able to recycle LDPE waste and then manufacture it into a finished product gives us the ability to boast that most of our products are 100% recycled. We believe it is crucial to let our customers know they are contributing to a better, cleaner environment buying our eco-friendly construction film.



CE* - Fully compliant, as of 1st July

We would be more than happy to buy any LDPE waste you may have, please call us on:

01495 772255 to receive an instant quote over the phone.

	GENERAL USE	DAMP PROOFING	VAPOUR CONTROL	RADON GAS	CO ₂ & METHANE
PIFA Damp Proof membrane	3	3			
Damp Proof Membrane	3	3			
VCL Moisture Vapour Barrier	3		3		
RADBAR Radon	3	3	3	3	
RADBAR Amber 2	3	3	3	3	3
General purpose Sheeting	3				

Accreditations

