

## PRODUCT DETAILS

Product name **Pro-BW® Plus Resin**

Product type Resin

## PRODUCT DESCRIPTION

**Pro-BW® Plus Resin** is an inactivated product for use within the **Pro-BW® Plus** system.

It must be mixed with **Pro-BW® Catalyst** to activate the curing process to create a waterproof membrane.

## APPLICATION

**Pro-BW® Plus** is appropriate for the following substrates:

- Concrete
- Plywood
- Asphalt
- Bituminous felt
- Single ply membranes

**Pro-BW® Plus** is suitable for use on the following areas:

- Walkways and balconies
- Protected built-up roof
- Inverted built-up roof
- Warm built-up roof
- Warm deck
- Cold deck

**Note:** Some surfaces may require priming or sacrificial layers.

In all buried/inverted systems prior to the waterproofing membrane being covered, an electronic leak detection test should be carried out by an independent **Roofing and Waterproofing Test Association (RAWTA)** accredited specialist.

## INSTALLATION

Please see the **Pro-BW® Plus Application Guide** for installation instructions.

## CERTIFICATION

Type	Name	Reference
BBA	Pro-BW® Plus	22/6183
EPD	Pro-BW® Plus	S-P-07416

## TECHNICAL INFORMATION

Characteristic	Value	Unit	Standard
Skid Resistance Value	Wet >36	PTV	BS 8204-2
Tensile strength	Unaged 3307 Heat aged 4851 UV aged 4911	N/50mm	BS EN ISO 527-3
Elongation at maximum load	Unaged 3.7 Heat aged 2.8 UV aged 3.1	%	BS EN ISO 527-3

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Characteristic	Value	Unit	Standard
<b>Physical state</b>	liquid	-	-
<b>Odour threshold</b>	0.15 - 25	ppm	-
<b>Initial boiling point and boiling range</b>	145	°C	-
<b>Flash point</b>	32	°C	-
<b>Flammability</b>	Flammable	-	-
<b>Upper explosive limit</b>	6.1	%	-
<b>Lower explosive limit</b>	1.1	%	-
<b>Vapour pressure</b>	0.67	kPa	-
<b>Vapour density</b> (air = 1)	3.6	-	-
<b>Relative density</b> (water = 1)	1.33	-	-
<b>Auto-ignition temperature</b>	490	°C	-
<b>Viscosity</b>	2800 – 3600	cSt	-

## SIZE, FINISH AND COLOUR

Product Code	Diameter cm	Height cm	Size L	Colour
<b>BWPR10CL</b>	31	25	10	Clear
<b>BWPR10MG</b>	31	25	10.3	Mid Grey
<b>BWPR10UP</b>	31	25	10	Unpigmented
<b>BWPR10VE</b>	31	25	10.3	Verdi Green

## SHELF LIFE AND HANDLING

- Shelf life is **12 months** after point of manufacture. Check container for use by date
- Store in a cool, well-ventilated area
- Should be stored in original securely sealed containers off the ground in a covered dry store, and out of direct sunlight and away from naked flames or ignition sources
- Protect from frost
- If stored at low temperatures, the product should ideally be brought up to at least **10°C** before installation begins

## MATERIAL

Flexible polyester.

## PACKAGING

Supplied in sealed, labelled metal tins.

## LIMITATIONS OF USE

For professional use only.

## GUARANTEES

Defects arising from lack of maintenance or abnormal use may fall outside of the cover of the Proteus Waterproofing guarantee.

## GUIDELINES AND STANDARDS

It is the responsibility of the Contractor to thoroughly familiarise themselves with all relevant Codes of Practice and Building Regulations to the works or referred in the specification.

Proteus Waterproofing take no responsibility for misinterpretation or lack of knowledge for third parties.

The works shall be carried out in accordance with the requirements of:

- **BS 6229** Flat roofs with continuously supported flexible waterproof coverings - Code of practice
- **BS 8217** Reinforced bitumen membranes for roofing - Code of practice
- **BS 8000-0** Workmanship on construction sites - Introduction and general principles
- **BS 8000-4** Workmanship on building sites - Code of practice for waterproofing
- **LRWA** [Design Guide for Specifiers](#)
- **S2T** [Safe to Torch](#)
- **GRO** [Code of Best Practice](#)