

PRO-BW® PLUS RESIN ACCELERATOR



PRODUCT DATASHEET

V1.1 | MARCH 2025



PRODUCT DETAILS

Product name **Pro-BW® Plus Resin Accelerator**
Product type Product accelerator for **Pro-BW® Plus Resin**

PRODUCT DESCRIPTION

Pro-BW® Plus Resin Accelerator maintains cure times at low temperatures allowing the **Pro-BW® Plus Resin** to be applied on decks as low as **1°C**.

The accelerator is added on site prior to use and according to the specified temperature ranges.

Note: Separate accelerators are available for **Pro-Prime® BW** and **Pro-BW® Plus Resin**. The accelerator used is different for each product, please ensure the correct accelerator is used with the correct product.

APPLICATION

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

- Concrete
- Screeds
- Timber
- Asphalt
- Bituminous felt
- Single ply

Pro-BW® Plus system 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.

A wet electronic leak test is required for all inverted/buried systems prior to the waterproofing membrane being covered.

INSTALLATION

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

CERTIFICATION

Type	Name	Reference
BBA	Pro-BW® Plus	18/5574

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TECHNICAL INFORMATION

Characteristic	Value	Unit
Initial boiling point and boiling range	145	°C
Flash point	32	°C
Evaporation rate	12.4	µg/m ² /h
Upper explosive limit	6.1	%
Lower explosive limit	1.1	%
Vapour pressure	0.67	kPa
Vapour density <small>air = 1</small>	3.6	-
Viscosity @ 23°C	2800 – 3600	mPas

SIZE AND FINISH

Product Code	Volume L	Weight kg
BWPR01AC	1	1

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 away from ignition sources and out of direct sunlight
- Protect from frost

MATERIAL

Flexible polyester.

PACKAGING

Supplied in sealed and labelled **1L** tins.

LIMITATIONS OF USE

For professional use only.

There will be a very minor colour difference between the finish of accelerated and non-accelerated products. This would not be an issue when using the accelerator in the primer or base coat.

However, if you are using the accelerator in a topcoat, it is recommended that batches of un-accelerated and accelerated product are not used side-by-side on a roof where the appearance is critical to the client.

This will not affect the performance of the system in any way.

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](#)