

## PRODUCT DETAILS

Product name	<b>Proteus Pro-Therm VIP Rubber Crumb Mat</b>
Product type	VIP insulation protection board

## PRODUCT DESCRIPTION

**Proteus Pro-Therm VIP Rubber Crumb Mat** is a cushion and protection layer used with **Proteus Pro-Therm VIP** insulation to protect it within the build-up.

## APPLICATION

**Proteus Pro-Therm VIP Rubber Crumb Mat** is suitable for installation on the following substrates:

- Timber
- Concrete
- Metal
- Asphalt

**Proteus Pro-Therm VIP Rubber Crumb Mat** is suitable for use in warm roof build ups with the following waterproofing systems:

- Proteus Cold Melt®
- Proteus Pro-BW® Plus
- Proteus Pro-BW® LO
- Proteus Pro-Cold®

## INSTALLATION

**Proteus Pro-Therm VIP Rubber Crumb Mat** is laid in the following order on to the existing substrate:

- **Proteus Pro-Vapour/Carrier Membrane SA** is applied with **Proteus Pro-Prime SA**
- **Proteus Pro-Bond Foaming** is applied as per its individual datasheet
- **Proteus Pro-Therm VIP Rubber Crumb Mat** is laid on top of the **Proteus Pro-Bond Foaming**
- **Proteus Pro-Therm VIP** is installed as per its individual datasheet
- Proteus waterproofing layer

## TECHNICAL INFORMATION

Characteristic	Value	Unit	Standard
Density	700 (±5%)	kg/m <sup>3</sup>	-
Weight per unit area	2.15 (±5%)	kg/m <sup>2</sup>	-
Thickness	3	mm	-
Compressibility (c)	≤0.5	mm	EN 12431
Compressive strain characteristic (@25%)	~600	kPa	EN ISO 3386-2
Tensile strength	≥0.4	N/mm <sup>2</sup>	EN ISO 1798
Thermal conductivity (λ)	0.06	W/(mK)	EN 12667
Thermal resistance (R)	0.05	(m <sup>2</sup> K)/W	EN 12667
Temperature resistance	-20 to +60	°C	-

Characteristic	Value	Unit	Standard
Elongation at break	≥35	%	EN ISO 1798
Fire classification	E	-	EN 13501-1

## SIZE, FINISH AND COLOUR

Product Code	Length (mm)	Width (mm)	Thickness (mm)	Weight per sheet (kg)	Colour
INVIPC03	2250	1150	3	5.6	Black

## SHELF LIFE AND HANDLING

- **Proteus Pro-Therm VIP Rubber Crumb Mat** should be protected from moisture during storage, transport and installation
- Always use relevant safe manual handling techniques relevant to a products size and weight

## MATERIAL

Recycled rubber.

## PACKAGING

Packaged 16 on to a pallet.

## 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](#)