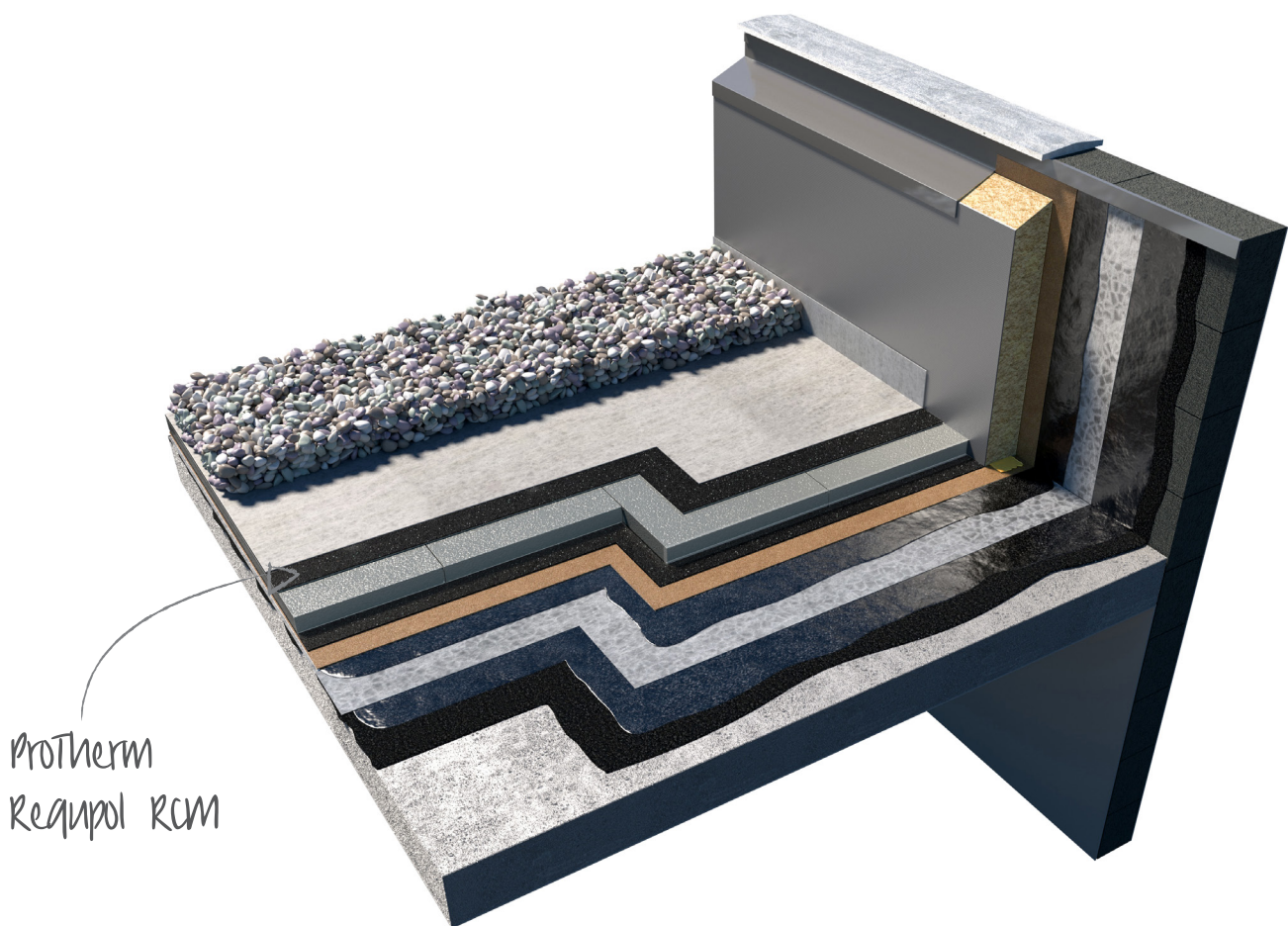


# ProTherm Regupol RCM

## Product Data Sheet



# ProTherm

## Regupol RCM

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### General Information

**ProTherm Regupol RCM** is used as a protection layer for ProTherm Quantum® PLUS+ VIP insulation board. It is only required in ProTherm Quantum® PLUS+ Pure applications when 20/40 mm rounded gravel ballast is being used as the surface finish. See BBA Certificate 20/5769 Product Sheet 1.

### Benefits

- Excellent impact and airborne noise performance
- Minimal creep, even under high loads
- Resistant to ageing and deformation
- Quick and easy to install
- Minimises construction heights
- High quality and exact material thickness guaranteed
- Zero ozone depletion potential (ODP), zero global warming potential (GWP)
- Mildew and moisture resistant
- Accreditation to ISO 9001, ISO 14001 and ISO 18001
- Product manufactured using Recycled Materials and 100% recyclable

### Installation Instructions

Loose lay and butt joint. Tape where specified. Cut with appropriate heavy duty scissors.

### Delivery conditions

#### Delivery form

Shrunk wrapped on a pallet, quantity depending on board thickness.

#### Storage and transport

During shipment, storage, installation and use, this material should not be exposed to flame or other ignition sources.

#### Product identification

Information on the pack;

Product name.

Dimensions.

Approvals.

Production date.

# ProTherm

## Regupol RCM

### PRODUCT DESCRIPTION

<b>Appearance top side</b>	Black with coloured flecks
<b>Core</b>	Rubber bound rubber crumb
<b>Appearance bottom side</b>	Black with coloured flecks

### DECLARED PERFORMANCE

Essential Characteristics	Performance	Unit	Standard
<b>Dimensions and tolerances</b>			
- Thickness	3	mm	-
- Width	1150	mm	-
- Length	2250	mm	-
- Density	720	kg/m <sup>3</sup>	DIN 53571
<b>Thermal Conductivity</b>	0.14	W/mK	-
<b>Mechanical properties</b>			
- Tensile Strength	0.5	N/mm <sup>2</sup>	-
- Elongation at break	75	%	-
- Temperature resistance	-40 to +115	°C	-
- Airborne sound insulation (DnT, w + Ctr) mean average*	49	dB	-
- Impact sound insulation (L'nT,w (Ci)) mean average**	46	dB	-
<b>Environmental properties</b>			
- Ozone Depletion Potential	Zero	-	-
- Global Warming Potential	Zero	-	-
- BRE Green Guide Rating	na	-	-

\* Building Regulations Approved Document E (2003) requirements 45dB or greater (performance figures obtained from independent testing)

\*\* Building Regulations Approved Document E (2003) requirements 62dB or less (performance figures obtained from independent testing)

### NBS Specification Clauses

Please view on NBS Source here:

<https://source.thenbs.com/product/protherm-regupol-rcm>

For a comprehensive NBS specification contact Radmat Building Products.

This information given in good faith and is based on the latest knowledge available to Radmat Building products Ltd. Whilst every effort has been made to ensure that the contents of the publication are current while going to press, customers are advised that products, techniques and codes of practice are under constant review and liable to change without notice.

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