

IKO Permatrack PSB

Technical Data Sheet – Section 19.00

PRODUCT INFORMATION

IKO Permatrack PSB is a highly flexible, hot applied bitumen compound manufactured using bitumens, recycled rubbers, polymers, workability additives and fine fillers to produce a highly flexible and versatile bituminous product.

Weight	Product Code
PSB Block (12kg)	240020000



USE

IKO Permatrack PSB is a bonding and sealing layer in IKO Permatrack highway repair, inlaid crack, bridge movement joint, roadway patch repair, ironwork reinstatement, transition joints and bridge deck waterproofing systems.

PERFORMANCE & COMPOSITION

Colour:	Black
Format:	Solid block (12kg)
Specific Gravity (SG):	1.21
Dimensions (nominal):	PSB 12kg – 460mm (L) x 250mm (W) x 75mm (D)
Packaging	PSB 12kg – 80 blocks per pallet (960kgs/pallet)
Shelf Life / Storage	Unlimited if stored out of direct sunlight

Test	Typical result	Criteria
Softening Point (°C)	97	>85
Flow Resistance (mm)	0	<2mm
Cone Penetration (dmm)	54	>35
Elongation (%) @ 0°C @ -20°C	420 39	>300 >35
Tensile Adhesion (N/mm²) - Primed Concrete - Primed Steel - Rubber Track Surround	0.5 0.3 0.4	- - -

PRODUCT ACCREDITATIONS

Registration under Certificate no. 028 (as part of Permatrack Bridge Expansion Joint System - CD357: Part 3: Flexible Expansion Joints).

BBA/HAPAS Agrément Certificate no. 02/H072 for Inlaid Crack Repair (SH1), Ironwork/rail transition joints (SH2) and highways patch repairs (SH3).

Manufactured under ISO 9001 Quality System.

ISO 14001 & BES 6001 Certified.

INSTALLATION

Permatrack PSB is typically installed at an application temperature of between 150°C - 190°C

All surfaces must be clean, dry and free from grease, oil, dirt and loose material. Smooth metal surfaces, where necessary, should be prepared by wire brushing. Concrete or asphalt surfaces may require preparation by wire brushing to aid PSB adhesion.

Surface, except new Permatrack High Modulus, should be primed with IKOpro Quick Dry primer and allowed to dry.

Permatrack PSB can be installed to dry surfaces down to -5°C (and rising)

All equipment used to apply Permatrack PSB can be kept clean using heat

Note: See relevant specific Method Statements for full application / installation details

MAINTENANCE & REPAIR

IKO Road systems incorporating Permatrack PSB should be routinely inspected in accordance with any agreed inspection frequencies, and any defects recorded.

OTHER RELEVANT DOCUMENTATION

Where applicable, Material Safety Data Sheets (MSDS), Declaration of Performances (DoPs), and Third-Party Accreditations are available to view and download from the IKO website Resource Centre:

<https://ikogroup.co.uk/resource-centre/>

PRODUCT SUPPORT

Should you have any queries in relation to this product please contact one of the relevant teams below:

Technical

technical.ab@iko.com

- For Reinforced Bitumen Membranes, IKOpro and Flexia Liquid Applied Waterproofing, Pitched Roofing, IKO Hyload Structural Waterproofing

technical.ma@iko.com

- For Mastic Asphalt

technical.cc@iko.com

- For Single Ply and Permasec Hot Melt

Sales

sales.uk@iko.com

Marketing

getintouch.uk@iko.com

COMPANY ACCREDITATIONS

IKO PLC, a roofing, waterproofing, and insulation company, holds various accreditations that demonstrate its commitment to quality, safety, and environmental responsibility. These include ISO certifications for quality management and occupational health and safety, British Board of Agrément (BBA) accreditations for specific products and systems, and Factory Mutual (FM) approval for certain roofing systems.

All our manufacturing plants have BS EN ISO 9001, BS EN ISO 14001, BS EN ISO 45001, BES 6001, and PAS 2080 accreditation, meaning we match the quality and sustainability requirements and use responsibly sourced raw materials in our production. We also re-use by-products from manufacture, wrap products in minimal packaging, and we employ a streamlined transportation network.



IKO is also a leading member of all relevant trade associations such as NFRC, BFRA, SPRA, LRWA, MAC, RSTA, BJA and LCRIG having technical experts within the technical and standards committees to help us get informed first-hand about recent updates on technical requirements for the design and installation of roofing, waterproofing, road and bridge maintenance industry products.



DISCLAIMER

Whilst every precaution is taken to ensure that the information given in this literature is correct and up-to-date it is not intended to form part of any contract or give rise to any collateral liability, which is hereby specifically excluded.

IKO reserves the right to amend and/or withdraw this document without notice.

Intending purchasers of our materials should therefore verify with the company whether any changes in our specification, application details, withdrawals or otherwise have taken place since this literature was published.