# IKO Permatec LI & Permatec LI Anti Root

**Technical Data Sheet – Section 17.00**

## PRODUCT INFORMATION



Permatec LI Hot Melt Monolithic Waterproofing Systems comprise of Permatec LI and Permatec LI Anti Root hot melt waterproofing compounds, which are specially formulated combinations of refined bitumen, synthetic rubbers, fillers and other additives. They are hot applied in conjunction with carefully selected reinforcement/detailing fabrics and protection layers.

**Permatec LI offers an environmentally conscious option with a third party verified GWP reduction in embodied carbon of up to 50% when compared to previous Permatec compounds**

Installed by a nationwide network of Registered/Approved contractors, Permatec LI and Permatec LI Anti Root provide a fully bonded, tough, flexible, waterproof membrane for use on Inverted, Green, Bio-diverse, Blue, flat (including zero fall protected roofs). Permatec LI is also suitable for use as a damp proof membrane in solid concrete floors or as the waterproofing layer in a typical sandwich membrane used for above or below ground waterproofing in concrete, brick or blockwork structures.

**NB: Permatec LI Anti Root is specifically designed for use in extensive and intensive green and biodiverse roof systems.**

The product must be applied by an IKO Approved Installer.

## OPTIONS

| Description | Product Code |
|---|---|
| Permatec LI | 24120080 |
| Permatec LI Anti Root | 24126080 |

## COMPOSITION

Block Weight: 12kg
Pallet Size: 80 Blocks - 960kg

## INSTALLATION

The Permatec LI Hot-Applied Monolithic Roofing System must be installed in accordance with the IKO System Installation Guidelines on a dry and frost-free substrate. After rain or snow, the substrate must be allowed to dry before installation can commence. The installer can aid drying by any suitable means approved by the certificate holder, providing the procedure can be carried out safely and in accordance with NFRC Safe2Torch guidelines.

Once applied, the membrane is not affected by rain, snow or frost. To assess the suitability of an in-situ concrete substrate, bond tests must be carried out to ensure that adequate adhesion can be achieved. If bonding problems


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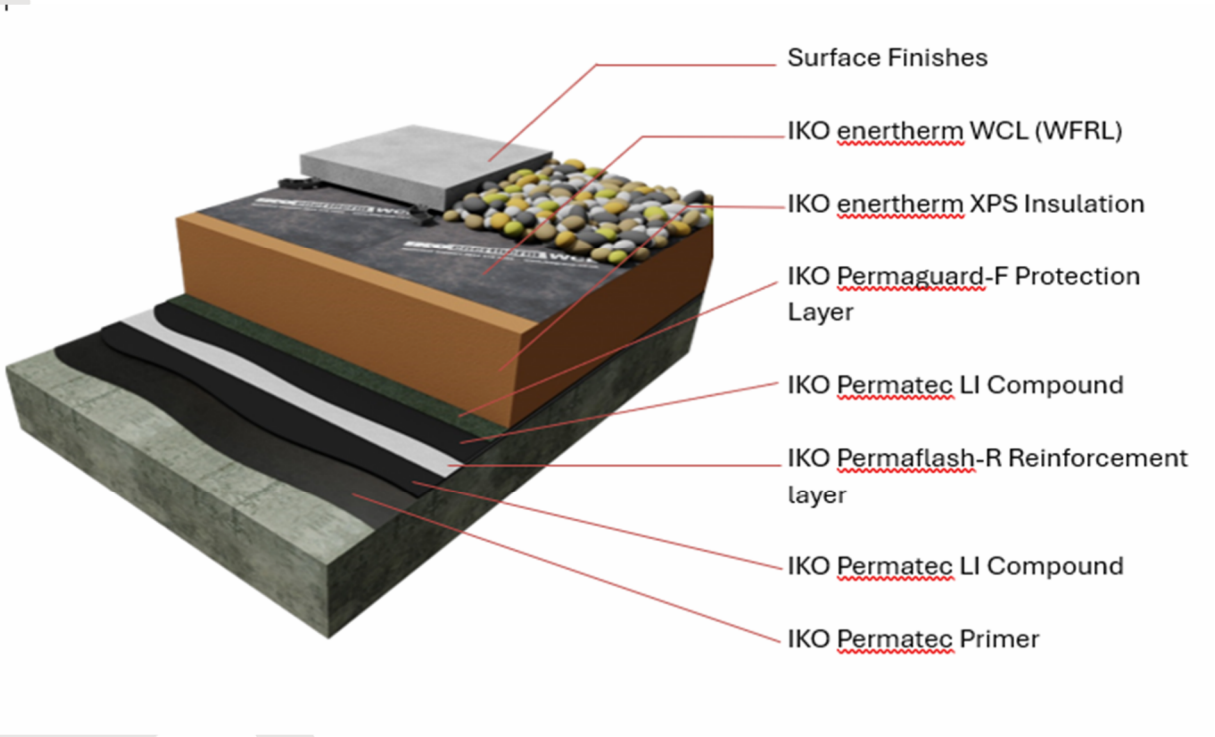
occur, advice must be sought from IKO. Prior to the application of the Permatec LI, any defects in the substrate must be identified and repaired in accordance with IKO's instructions.

Cementitious substrates must be primed with IKO Permatec High Penetration Primer or IKO Permatec Polymer Primer and allowed to completely dry before application of the waterproofing. The installed Permatec LI must be covered with an access protection layer immediately as part of the installation. Detailing must be formed in accordance with the IKO instructions.

## TYPICAL SYSTEM BUILD-UP




## PRODUCT ACCREDITATIONS

IKO Permatec LI and IKO Permatec LI Anti Root carry BBA Agrément Certificates 03/4009 Product sheets 4 & 5, third-party verified EPD and is UK Conformity Assessed. Copies of the relevant certification may be downloaded from the IKO website https://ikogroup.co.uk/resource-centre/

BBA APPROVAL INSPECTION TESTING CERTIFICATION
CERTIFICATE 03/4009

CE

EPD Hub

## DURABILITY

The BBA certificate states; Under normal service conditions, the system will have a life of at least equivalent to the structure in which it is incorporated, provided it is designed, installed and maintained in accordance with this Certificate and the Certificate holder's instructions



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## MAINTENANCE & REPAIR

Maintenance must be undertaken in accordance with the terms of the guarantee. The waterproofing must be protected from any follow-on trades or other works that may affect the waterproofing. Once completed, access will be required for future inspections and maintenance. Maintenance of drainage outlets, plant items and services etc. will be required to ensure the long-term performance of the waterproofing system.

The client is to ensure safe access is provided to allow maintenance. Unauthorised access should be prevented from all parties not associated with the installation of the waterproofing, inspection or maintenance. Designated walkways should be provided for maintenance and means of escape.

## OTHER RELEVENT 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 Permatec 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.



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## 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.



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