

PRECISION IN SPECIFICATION

SIG PermaTec

Hot melt waterproofing system

ACCUROOF
A part of SIG Roofing

 **IKO permatec**[®]
Hot Melt Waterproofing System

It is melted in a purpose built machine and is applied to a prepared structural deck in two nominal 3mm coats, providing a monolithic waterproofing system. It is suitable for use as the waterproofing layer in most new build flat roofing applications, when covered by suitable protection or when used in an inverted roof or green roof specification.

Lifetime performance

- / Formulated to last for the lifetime of the building or structure on which it is installed
- / Long-term waterproofing integrity
- / No future replacement costs

Fully bonded and monolithic

- / Applied as a liquid directly to the deck
- / No risk of water tracking below the membrane
- / Completely seamless so no possibility of lap failure

Flexibility of design

- / Applied as a liquid directly to the deck
- / No screeds to falls required meaning less cost, weight and time
- / Unaffected by standing water, dilute acids and fertilisers
- / Effective detailing to difficult penetrations - 'I' beams, posts etc.

Safe, speedy installation

- / No two part system to mix
- / No on-site curing requirements
- / Solvent-free formulation Ideal for demanding site conditions
- / Excellent low temperature flexibility and adhesion
- / Can be readily applied in temperatures down to -18°C on a clean, dry, frost-free surface
- / Work can proceed during winter months, minimising lost construction time
- / Permatec is not affected by rain, snow or frost immediately after its application
- / Can be walked on immediately after installation of the system

PermaTec is a hot applied membrane which is manufactured in the UK by IKO. It is a specially formulated combination of refined bitumen, synthetic rubbers, fillers and other additives.

- / Long lasting for the lifetime of the building
- / Over 30 years of track record in the uk
- / High tensile strength
- / Tough and resistant to impact damage
- / Self-sealing capability
- / Low temperature flexibility
- / Resistant to rain, snow and frost immediately after installation
- / No packaging to dispose
- / Easily recyclable, environmentally non-polluting
- / BBA approved

Making the roof work harder

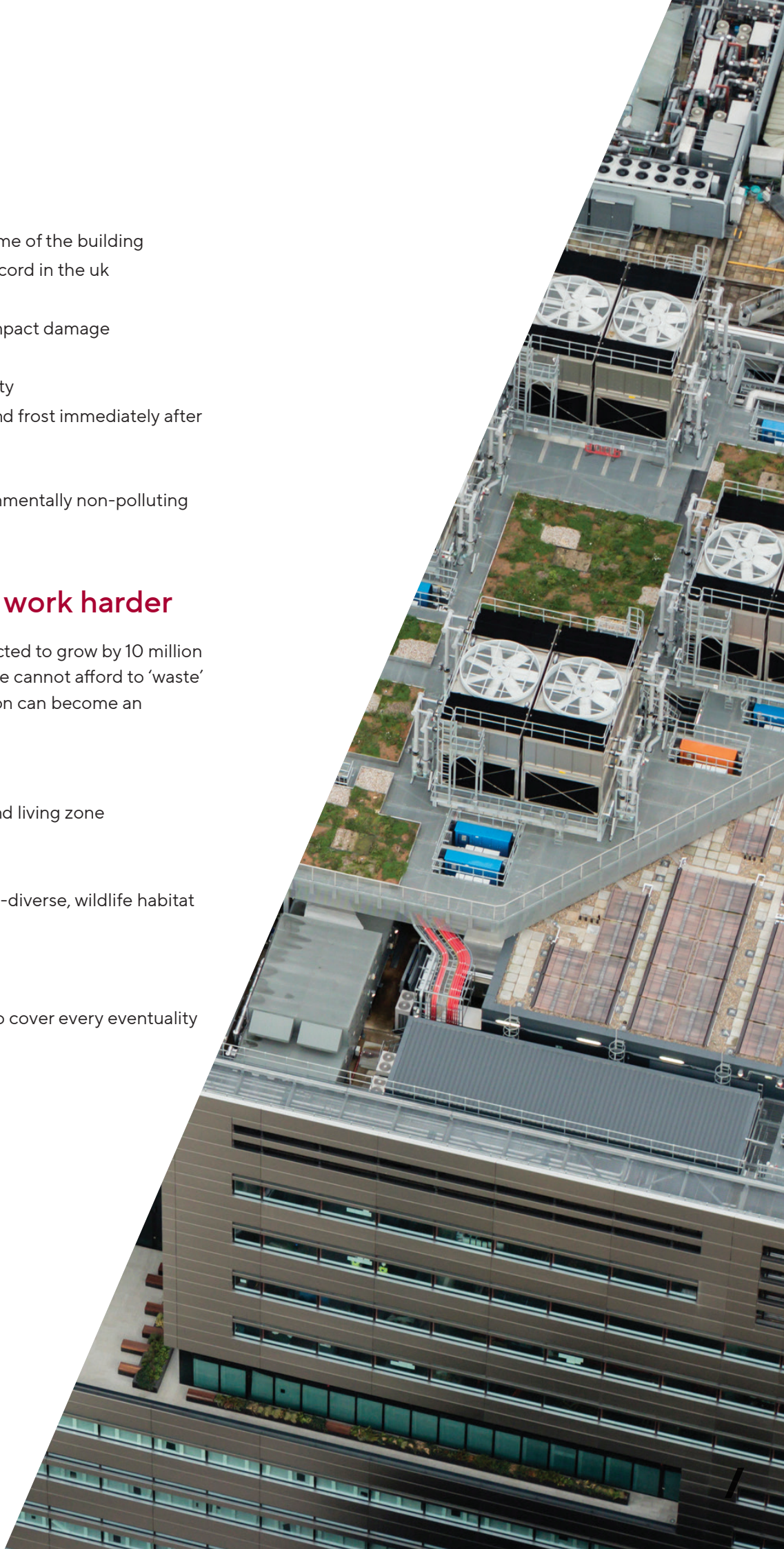
Britain's population is predicted to grow by 10 million to 70 million by 2029. So, we cannot afford to 'waste' roof space. The fifth elevation can become an amenity to:

- / Capture carbon
- / Generate power
- / Provide a green space and living zone
- / Insulate the building
- / Capture rainwater
- / Provide a natural and bio-diverse, wildlife habitat

Also available...

A full range of accessories to cover every eventuality

- / Capture carbon
- / Detailing
- / Green roofs
- / Drainage
- / On-site protection



4 simple components for the standard waterproofing system...



1 Prime

PermaTec High Penetration Primer

A specially formulated bitumen primer for use on concrete and other surfaces prior to the installation of the Permatec system.

Size: 25 litre drum

Coverage: 6-8m² per litre



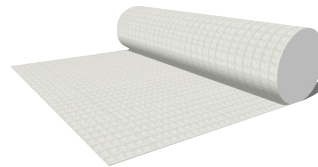
2 Waterproof

PermaTec ECOWRAP Compound

A specially formulated combination of refined bitumen, synthetic rubbers, fillers and other additions. It is hot applied to the prepared substrate using squeegees to a total nominal thickness of 6mm.

Permatec is covered by BBA Certificate No. 03/4009.

Size: 12kg in polypropylene wrapper



3 Reinforce

PermaFLASH-R

A 55g/m² polyester reinforcement sheet. PermaFLASH-R is installed between the 2 x 3mm coats of Permatec compound, to provide high tensile strength. Roll size: 1m x 200m



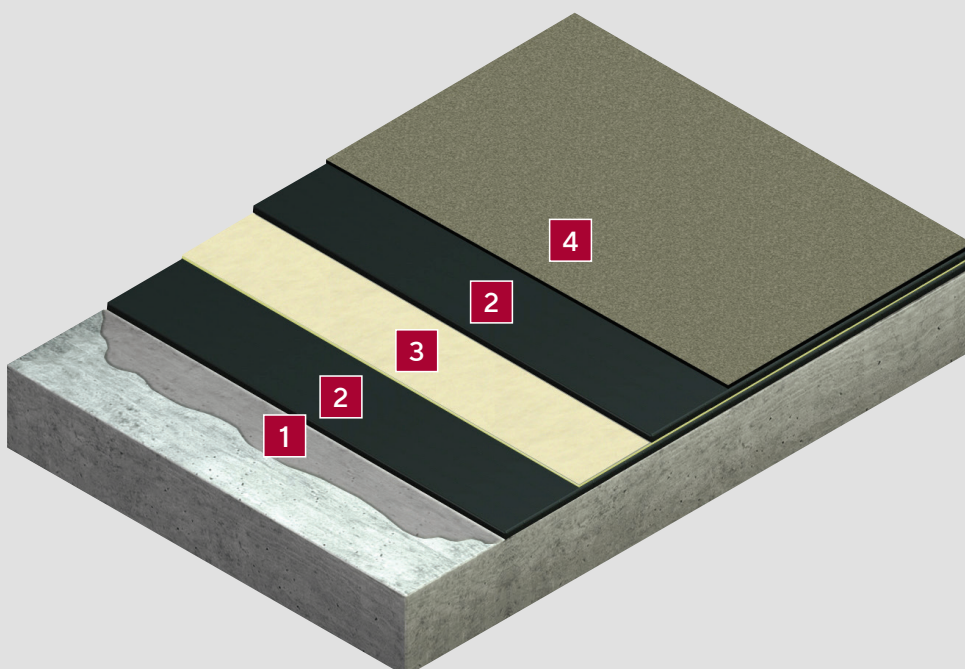
4 Protect

PermaGUARD-F

A sand surfaced, polyester reinforced bitumen membrane.

PermaGUARD-F is installed as a protection layer into the final coat of the Permatec compound whilst it is still hot.

Roll size: 1m x 20m



About AccuRoof

For accurate, impartial advice that will help you confidently select the right roofing system for your project, you can depend on AccuRoof.

What makes us different? We're not a manufacturer. Instead, we curate our range of high quality roofing systems from suppliers we trust for both new-build and refurbishment projects. That's why architects, specifiers, and main contractors rely on our specialist, unbiased recommendations. We save you time and stress, so you can focus on the bigger picture.

Our six-step guide to an optimal roof is just a snapshot of the free support on offer from our technical team, right through your project's timeline. From recommending suitable materials that meet the latest regulations, to inspections and guarantees.

AccuRoof is a part of SIG Roofing, a division of SIG plc, a FTSE listed company and the UK's market leading specialist supplier to professionals in the building and construction industry.

Six steps to an optimal roof:



/ Project kick off

- / The right products
- / Design expertise
- / Meet the regulations



/ Confidence in supply



/ Experienced contractors



/ Monitored installation



/ Transparent guarantees



/ Planned maintenance