



# INTRODUCING IKO PERMASCREED LI:

## A NEW ERA OF SUSTAINABLE SCREEDING

**IKO Permascreed LI** is an innovative screeding solution for flat roofs and walkways that combines exceptional performance with a commitment to sustainability. This next-generation screeding system continues to deliver rapid installation while significantly reducing its environmental impact – **offering up to 46% lower embodied carbon.**

Whether levelling uneven surfaces or creating drainage falls, IKO Permascreed LI is engineered to meet the demands of modern construction projects, making it the smart choice for efficiency and eco-conscious design.

### KEY FEATURES AND BENEFITS

- **Lower embodied carbon**, IKO Permascreed LI helps achieve customers' sustainability goals.
- **Reduction in global warming potential** of up to 73.44kg per tonne (verified third party EPD)
- **Zero water content**, enhancing its eco-friendly profile.
- **Quick-setting formula**, it can be walked on just one hour after installation.
- **Streamlined workflow** eliminates delays to other trades, improving overall site efficiency.
- **Unaffected by weather**, can be installed all year round.
- **Flexible thickness**, nominal 10mm–40mm layers (with options for multiple layers).
- **Reduced weight**, compared to traditional concrete screeds.
- **Optimised drainage falls** in line with BS6229:2018 standards.
- **Water impervious**, helping to provide temporary waterproofing.
- **Durable and long-lasting**, designed for a service life of over 60 years.

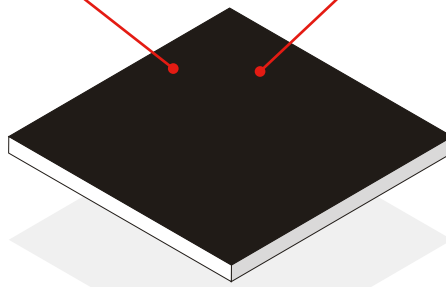




There is **no moisture** within IKO Permascreed LI



There is **no need to wait** for it to **dry...**



**Fast cooling time**  
(trafficable within the same day)



**COMPATIBLE WITH  
A RANGE OF FLAT  
ROOFING AND  
SURFACING SYSTEMS**

## INSTALLATION TIME - IKO PERMASCREED LI VS. CONCRETE SCREEDS

### IKO PERMASCREED LI

DAY 1 - Installation

DAY 2 - Installation of roof waterproofing system can commence



### CONCRETE SCREED

DAY 1 - Installation

DAY 2 TO DAY 27 - Curing time

DAY 28 - Installation of roof waterproofing system can commence



## FAQS

### What is embodied carbon?

Embodied carbon encompasses the total greenhouse gas emissions produced throughout a product's lifecycle, from raw material extraction and manufacturing to transportation and installation. Minimising embodied carbon is crucial for achieving more sustainable construction surfaces within the built environment, and materials like IKO Permascreed LI play a key role in advancing this goal.

### What makes IKO Permascreed LI more sustainable than traditional screeds?

Its advanced formulation reduces embodied carbon by up to **46%** compared to standard IKO Permascreed, aligning with modern sustainability goals. Additionally, its zero water content and EPD further highlight its environmental credentials.

### How does IKO Permascreed LI contribute to reducing embodied carbon?

IKO maintains full control over its supply chain, prioritising responsible sourcing, manufacturing and operations. This approach significantly lowers the embodied carbon of many of our flagship products, including IKO Permascreed LI. To assist customers in understanding their CO<sub>2</sub> savings, we provide an **embodied carbon calculator**, making it easy to assess the environmental advantages of selecting IKO solutions.



### How does IKO Permascreed LI align with IKO's sustainability objectives?

As a leader in the industry, IKO is dedicated to minimising its environmental impact and promoting sustainable practices. IKO Permascreed LI plays a role in this commitment by reducing embodied carbon and enhancing the eco-performance of our product portfolio. This aligns with our **science-based targets (SBTs)**, which include:

- Cutting Scope 1 and 2 emissions by 42% by 2030 (compared to 2022 levels).
- Achieving net-zero emissions by 2050, with a 90% reduction in Scope 1, 2 and 3 emissions.

By opting for IKO Permascreed LI, customers benefit from exceptional screeding performance and contribute to the broader goal of building a more sustainable, low-carbon construction industry in line with IKO's vision.

### What applications is IKO Permascreed LI suitable for?

IKO Permascreed LI is ideal for:

- Insulated warm roofs and cold roofs
- Inverted insulated roofs and green roofs
- Walkways, terraces and podium decks

It maintains the same compatibility as its predecessor and can be used in conjunction with a variety of waterproofing systems, including mastic asphalt, hot melt, cold applied liquid systems, single ply membranes and reinforced bitumen membranes. It is suitable for both new build and refurbishment projects.

### How does it compare to traditional sand and cement screeds?

IKO Permascreed LI sets in just one hour (compared to 28 days for sand and cement screeds), reduces weight and is more sustainable due to its lower embodied carbon. It also reduces screed thickness by up to 80% compared to traditional wet screeds.

## THE SMART CHOICE FOR MODERN PROJECTS

With IKO Permascreed LI, you're not just investing in a high-performance screed but committing to a sustainable future. Its rapid curing, reduced carbon footprint and robust durability make it the ideal solution for today's environmentally-conscious projects. Choose IKO Permascreed LI to streamline your projects, reduce delays and support a more resilient construction industry.

For further details, download the IKO Permascreed LI technical data sheet.



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