

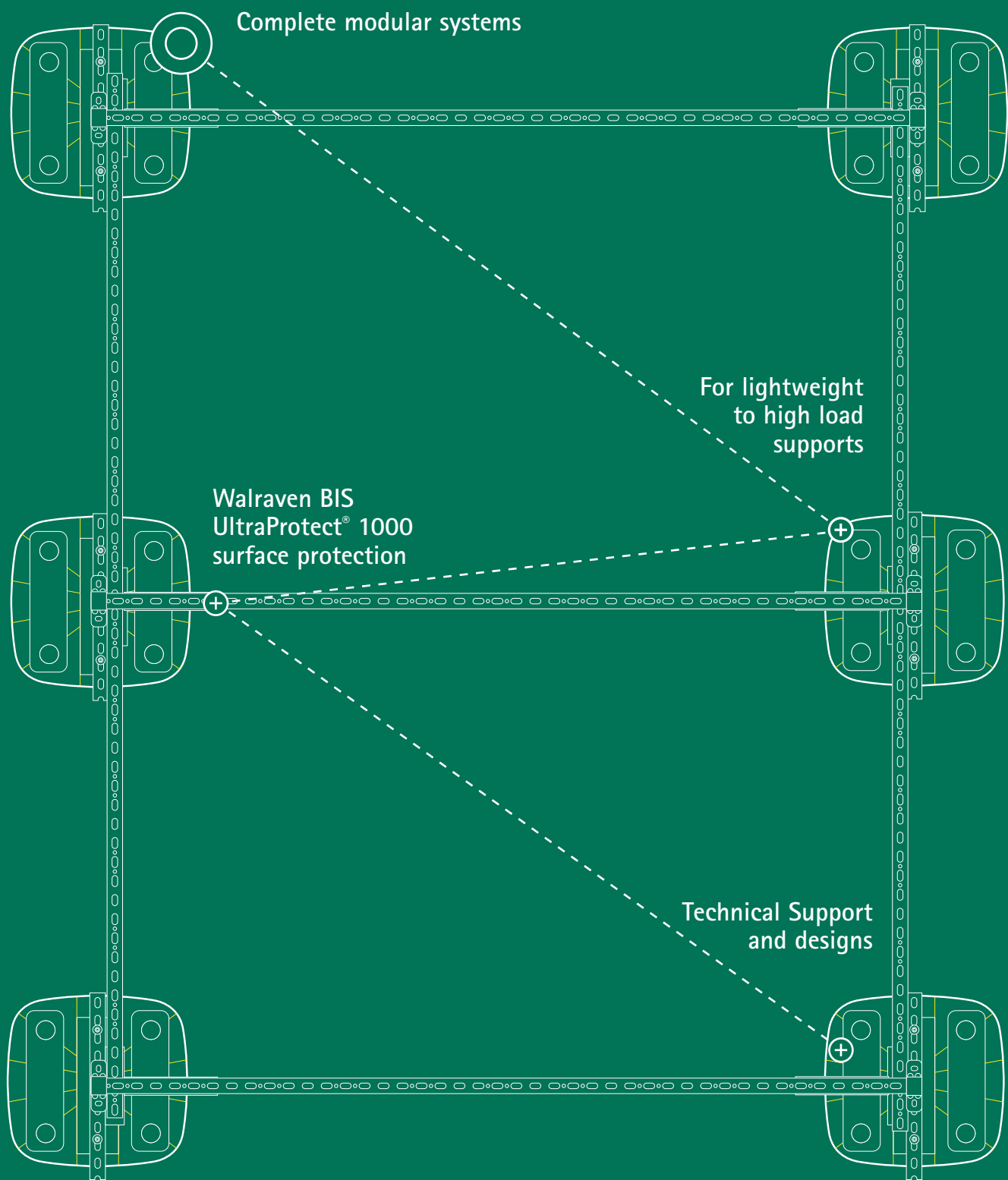
Reliable support systems for
modern rooftop installations



Walraven Rooftop Solutions

Your challenge, our support

Walraven Rooftop Solutions



Inspired by smart solutions from the start

Walraven is a globally active company in the installation industry, founded in 1942. We have always been dedicated to make the work of our customers easier and more effective. With simple and smart solutions, comprehensive services and excellent support.

Walraven. The value of smart

Supporting modern rooftop infrastructure

Versatile support systems designed for performance, efficiency and longevity

Modern rooftops are increasingly crowded, complex environments. HVAC equipment, pipework, cable trays, solar arrays and safety systems all compete for limited space, often on roofs that were never designed for today's technical demands.

Walraven rooftop solutions are engineered for ease of installation, longevity and environmentally conscious projects. With a wide range of solutions for flat and pitched roof surfaces, our Technical Team can design optimal support systems to meet your project goals.



Every rooftop project presents its own set of challenges. Understanding these factors is essential to ensuring a safe, efficient and long-lasting installation. Challenges include:

- **Roof integrity & load limits**
Avoiding penetration and protecting waterproof membranes while staying within structural limits.
- **Uneven or sloped surfaces**
Many rooftops are not flat, making alignment and stability difficult.
- **Weather exposure**
Wind, temperature extremes, corrosion and UV all impact long-term performance.
- **Limited installation time**
Programmes are tight, often with restricted access, crane time, or operational buildings below.
- **Compliance & safety**
Installations must meet regulations while ensuring safe working conditions.

Without the right support systems, rooftop installations can become time-consuming, risky, and costly to maintain.

Walraven Rooftop Solutions: Designed to perform

Walraven provides a comprehensive range of non-penetrative, modular rooftop support solutions designed to simplify installation, protect the building fabric, and deliver long-term reliability.

Our rooftop systems are engineered to support:

- **Pipework and mechanical services**
- **HVAC units and rooftop plant**
- **Cable trays and ductwork**
- **Walkways and service access**

All while minimising risk to the roof and speeding up installation.



Supporting sustainability goals

Sustainability is central to modern construction and is also at the heart of Walraven. We are an Ecovadis Silver Medal holder for our achievements in environmental responsibility, and you can access Environmental Product Declarations (EPDs) for many of our products, including Walraven RapidStrut®, Maxx and pipe clamps, with more on the way. The Walraven Yeti® range of mounting feet are made of recycled materials where possible, and we help you achieve efficient and durable installations.

Complete rooftop solutions

We can support anything from small AC units and pipework to high load equipment, service decks and stepovers.

1

Equipment Supports

Walraven equipment support systems provide stable, non-penetrative solutions for mounting rooftop plant such as HVAC units and condensers. Designed for quick installation and reliable load distribution, our modular frames protect roof integrity while ensuring long-term performance, even in demanding environments with exposure to wind, vibration and changing temperatures.

2

High load Supports

For heavier rooftop applications, Walraven high load support systems deliver exceptional strength and stability. Engineered to handle significant loads, these robust solutions distribute weight safely across the roof surface while maintaining non-penetrative protection. Ideal for large plant and multi-service installations, they ensure safety, durability and compliance on complex projects.

3

Stepover & Walkway Systems

Walraven stepovers and walkways enable safe and controlled movement across rooftops, protecting both personnel and the roof surface. Designed to bridge pipework and obstacles, these systems improve accessibility while preventing damage to services. Durable, non-slip and easy to install, they support efficient and compliant maintenance operations.

4

Service Decks & Stairs

Walraven service decks and stair systems create safe, practical access to rooftop equipment. Designed for stability and ease of use, they provide secure platforms for installation, inspection and maintenance. Modular and adaptable, they help improve site safety, reduce risk, and ensure compliance with access and working-at-height regulations.

5

Pipe Supports

Walraven pipe support systems provide secure, non-penetrative solutions for routing services across rooftops. Designed to accommodate expansion, vibration and varying loads, they ensure pipework remains stable and protected. Modular designs allow for quick installation and easy adjustment, helping to maintain system integrity while safeguarding the roof membrane.

6

Duct Supports

Walraven duct support solutions are engineered to provide stable and level support for rooftop ductwork installations. With adjustable and load-distributing designs, they accommodate different duct sizes while protecting the roof surface. These systems simplify installation, improve alignment, and ensure long-term performance in exposed environmental conditions.

7

Cable Tray Supports

Walraven cable tray support systems offer a reliable and flexible way to manage rooftop cable routing. Designed for quick assembly and secure positioning, they keep trays elevated and protected while avoiding roof penetration. The result is an organised, accessible installation that supports efficient maintenance and long-term operational reliability.



Rooftop systems at a glance

Our product systems can be used to support all your rooftop services from pipes and cable trays to large ducting and high load HVAC equipment.

Channel systems for modular frame building

Walraven channel systems provide the foundation for strong, adaptable rooftop support structures.



Walraven RapidStrut®
Walraven RapidStrut® offers a versatile, modular solution ideal for building custom support frames quickly and efficiently. With preassembled fixings for fast installation and Walraven BIS UltraProtect® surface protection offering advanced corrosion protection.



Walraven Maxx
Walraven Maxx is suitable for high-load applications and large-scale frames, delivering enhanced strength and performance where heavier equipment or wide spans are required.

Support feet for flat and pitched surfaces

Walraven Yeti® support feet provide reliable, non-penetrative solutions for a wide range of rooftop applications, suitable for both flat and pitched surfaces.



Yeti® 480
Our flagship solution, ideal for supporting all types of rooftop equipment, with built-in adjustability for roof pitch and suitability for high loads.



Yeti® 335
A versatile standard foot for AC units, ventilation ducts and general services. With optional hinged insert for sloping surfaces.



Yeti® 280
A practical solution for lighter-duty applications on flat roofs, where a simple, effective support is required.



Yeti® 130
Our most compact option, ideal for small pipework and cable runs requiring minimal support. Save space and avoid over-specification with this small, practical unit!



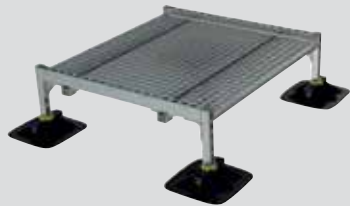
Yeti® Type A
Specifically designed for linear installations such as pipe and cable routes or heat pump mounting.



All Yeti® products feature certified UV resistance and excellent certified noise reduction properties, ensuring durability and long-term performance. Plus, all Walraven Yeti® feet are made from recycled materials (93–100% depending on the type of foot).

Walkways & access systems

Safe and convenient access to rooftop services is essential for ongoing inspection and maintenance. Walraven walkway and stepover systems can be constructed using Walraven RapidStrut® channel, Walraven Yeti® support feet and service grid platforms, creating robust, non-slip access routes that protect both personnel and rooftop installations while maintaining roof integrity.





Rooftop kits – convenient, off-the-shelf solutions

Walraven rooftop kits provide a simple, efficient solution for various standard installation requirements. Supplied as complete, boxed systems, each kit contains all the components needed for fast assembly on site, even the pre-cut channel lengths.

Available options include H-frames, HVAC unit support frames and small stepovers – helping to save time, reduce complexity and ensure consistent installation quality.



Benefits of using Walraven rooftop kits

- Save the time taken to design bespoke frames
- Technical info and load data available
- Our kits include the channel sections cut to length
- Quality, tested solutions off-the-shelf ready to go
- Easy installation on flat and sloping roofs
- Assembly instructions included in the box



Walraven BIS UltraProtect® 1000

Superior corrosion resistance, delivered sustainably

Many Walraven rooftop solutions are available in our advanced corrosion protection system as standard.

Advanced anti-corrosion treatment

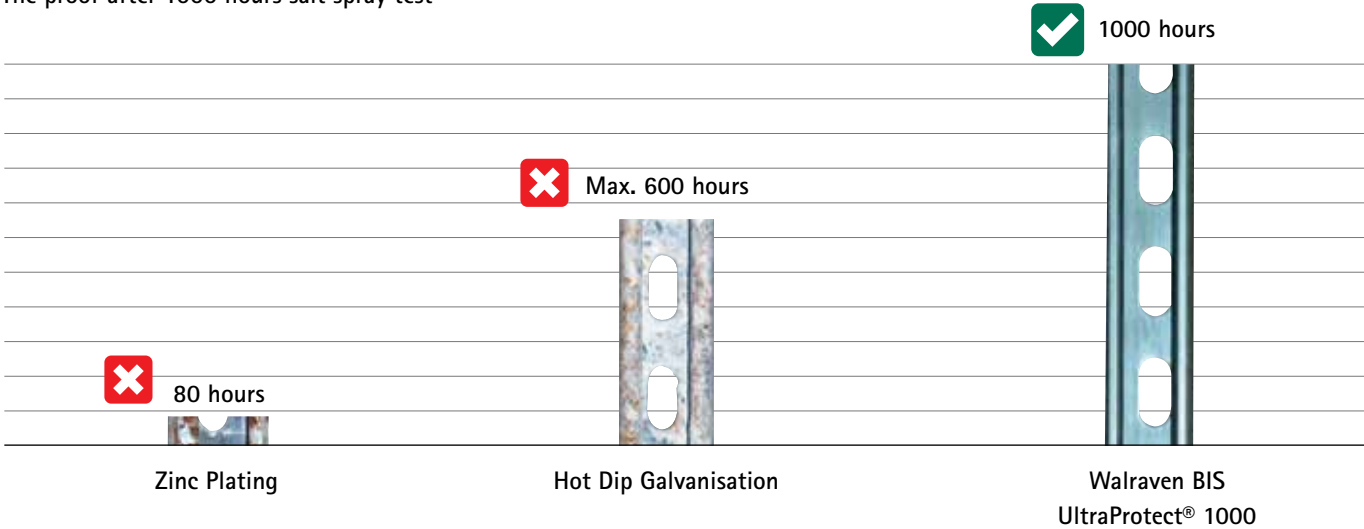
- Withstands at least 1000 hours of salt spray test
- Suitable for C1–C4 environments (ISO12944–2)
- The finish is smooth and visually appealing

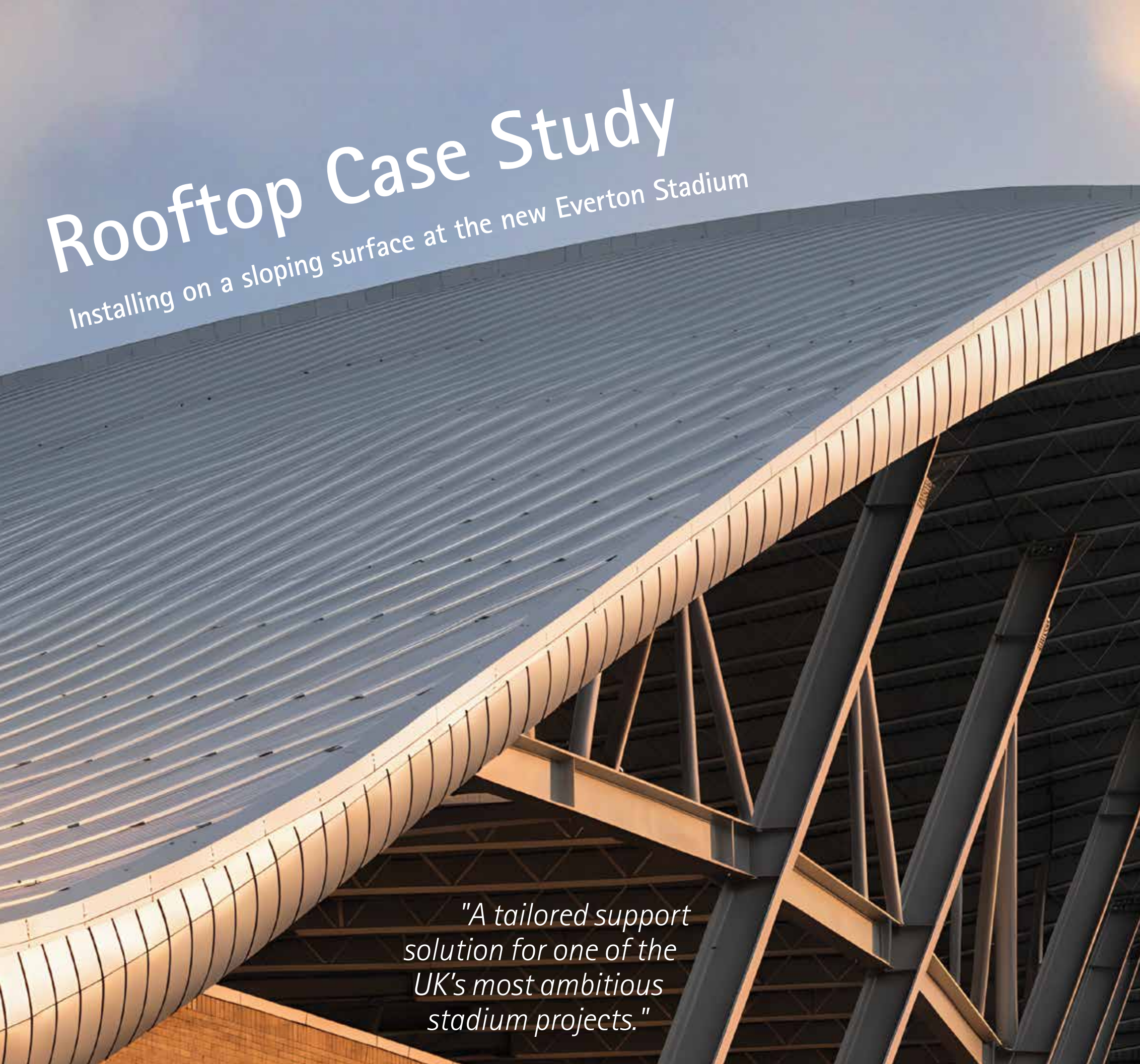
A sustainable alternative to hot dip galv

- Seven times less energy use
- No use of tap water
- Own water cleaning system
- Emission of cleaned air
- Up to 55% less resources used

Better protection than hot dip galvanisation

The proof after 1000 hours salt spray test





Rooftop Case Study

Installing on a sloping surface at the new Everton Stadium

"A tailored support solution for one of the UK's most ambitious stadium projects."



Project Introduction

Everton Football Club have built a brand new, state of the art stadium on the banks of the River Mersey. The building had an ambitious curved 'bowl' design made up of steel and glass.

The challenge

Due to the curved design of the structure, the contractors were looking for M&E supports that could sit on the slightly sloping surfaces and still ensure the HVAC equipment sat level to deliver a safe installation and proper functioning of the equipment. In addition, the location of the stadium next to the River Mersey, meant the supports needed to be suitable for a C4 environment to deliver adequate corrosion protection.



The Solution

Walraven Technical Team designed bespoke support frames using Walraven Yeti® 480 support feet, which were easily adjustable for the sloping surface, able to cater for pitches up to 7°. Combined with Walraven RapidStrut® Channel system to create the framework to support the equipment.

Walraven RapidStrut® with BIS UltraProtect® 1000 finish was used to deliver the C4 corrosion resistance required.

Sustainability requirements for this project were also a factor in choosing the Walraven Yeti® support feet due to their high recycled material content.



Why partner with Walraven?

Walraven brings proven expertise in rooftop and MEP support solutions, delivering complete systems designed for safety, durability and to simplify installation.

Trusted by contractors worldwide, we combine high-quality products with a collaborative approach. Our dedicated technical support spans from initial design through to installation, ensuring reliable, efficient and fully engineered solutions for every project.



Project Support

Let's build your rooftop solution together

Whether you're planning a new installation or upgrading existing rooftop services, Walraven can help you meet your technical, safety and programme requirements with confidence.

Our experienced technical team works alongside you from design through to installation. We can assist with detailed system designs, load calculations, layout drawings and documentation to ensure optimal performance and compliance. Offsite services including channel cutting and prefab are also available.

Where required, we also offer on-site support to help ensure smooth installation, address unforeseen challenges, and keep your project on track. With Walraven, you gain a trusted partner committed to delivering efficient, safe, and fully engineered rooftop solutions.

To contact our technical team direct, email: technical.uk@walraven.com

Find out how we can support you

Would you like to find out more about any of the solutions described in this brochure?

Or would you like to discuss how we could help you find the best possible solution for your project?

Get in touch today!

United Kingdom

Ireland

Walraven Ltd.

18 Wildmere Road

Banbury (GB)

Oxon, OX16 3JU

Tel. +44 1295 75 34 00

sales.uk@walraven.com

Walraven Group

Mijdrecht (NL) · Tienen (BE) · Bayreuth (DE) · Banbury (GB) · Malmö (SE) · Grenoble (FR) · Barcelona (ES)

Milan (IT) · Kraków (PL) · Mladá Boleslav (CZ) · Kyiv (UA) · Danville (US) · Dubai (AE) · Budapest (HU) · Mumbai (IN)

Singapore (SG) · Burlington (CA)



Walraven Rooftop Solutions (EN-UK) – 9/2026 – Full content subject to modifications
* The technical data are non-binding and do not reflect the warranted characteristics of the products. They are subject to change. Please consult our General Terms and Conditions. Additional information is available upon request. It is the designer's responsibility to select products suitable for the intended purpose and to ensure that performance data are not exceeded. The installation instructions should always be read and followed.