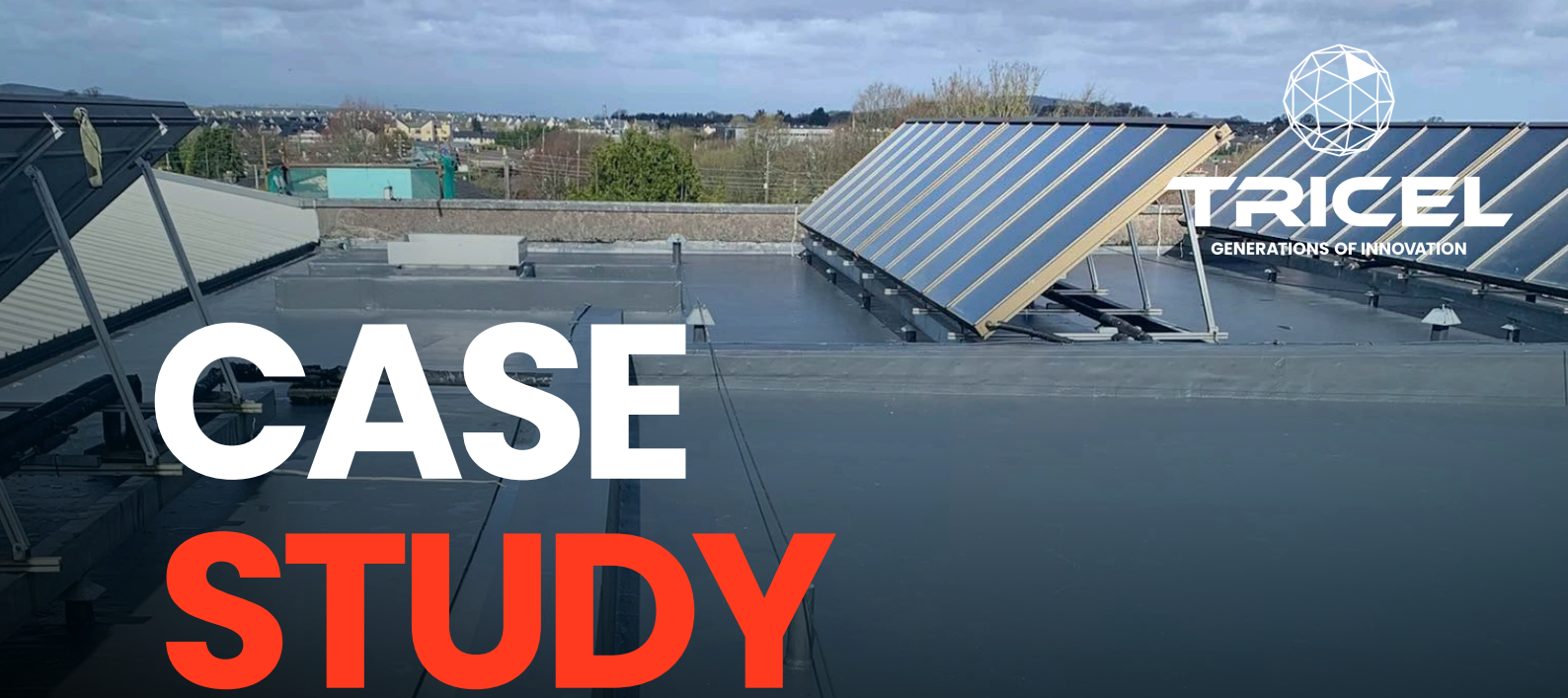


TRICEL
GENERATIONS OF INNOVATION

CASE STUDY

Built to Endure:
How RBK Construction Used TriRoof FLEX to Future-Proof K Leisure's Roof

RBK Construction's expert handling of a live, high-traffic site, combined with their attention to detail and commitment to quality, ensured that every advantage of FLEX was fully realised

Project Information

Clients: K Leisure, Newbridge, Co. Kildare
Roofing Contractor: RBK Construction Ltd.
Project: Restoration of a 550 sq.m flat roof by RBK Construction Ltd. at K Leisure, Newbridge using TriRoof FLEX
Challenge: Delivering a high-quality roof refurbishment within tight budget constraints and without disrupting the daily operations of an active leisure centre
Timeline:

- **Start Date:** Early March 2025
- **Completion Date :** March 28th 2025

Solutions

Solution: 550 sq.m Roof Refurbishment using TriRoof FLEX over a failed EPDM membrane
Support Provided:

- On-site technical guidance
- Material planning assistance
- Responsive logistics support

Results:

- Zero Operational Disruption
- On -Time Completion
- Cost and Waste Reduction
- High-Performance Finish Backed by 20 Year Materials Guarantee

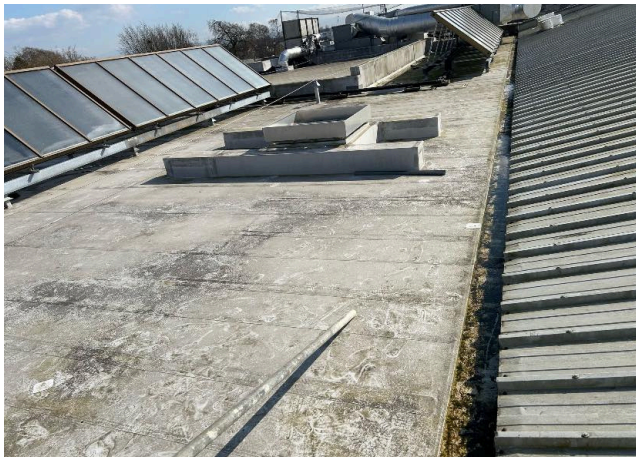
Understanding the Challenge: A Leisure Centre in Need of a Seamless Solution

K Leisure in Newbridge, Co. Kildare faced a significant roofing issue: a 550 sq.m flat roof with a failed EPDM membrane. The seams had deteriorated, leading to water ingress and operational concerns. As a busy leisure centre, any disruption to daily activities was not an option. The refurbishment needed to be fast, cost-effective, and minimally invasive. RBK Construction Ltd., known for their professionalism and quality workmanship, was brought in to deliver a solution that would future-proof the facility without interrupting its operations

Choosing MultiFlex:
A Smart Fit For A Complex Roof

RBK Construction chose **TriRoof FLEX**, a cold-applied overlay system, for its proven performance and practical advantages. Having used FLEX on a smaller project previously, Ray Kelly from RBK was confident in its capabilities.

"I had previously used FLEX on a smaller job a year or two ago and was really impressed with its performance. It left a strong impression, so it always stood out to me as a potential solution for future projects."
Ray Kelly, RBK Construction





FLEX's ability to be applied directly over the existing EPDM membrane eliminated the need for tear-offs, reducing waste and labour costs. Its flexibility made it ideal for navigating a complex roof layout that included solar panels and large air intake vents. The cold-applied formula also removed the need for hot works, improving safety and efficiency on site.

Building Confidence - Trust Built on Training & Support

While RBK Construction had prior experience with FLEX, the scale and complexity of the K Leisure project introduced new challenges. To ensure success, the team engaged in TriRoof training, which provided detailed guidance on application techniques, mix ratios, and cure times. This training was instrumental in building technical confidence and aligning the team on best practices.

Support didn't stop at training. Tricel's Technical Sales Manager, Craig Hetherington, played a hands-on role in the early stages of the project. He conducted a pre-installation site inspection, helped refine the materials list, and was present on-site during the initial application to guide the team through the setup. This proactive involvement helped RBK Construction navigate the technical aspects of the installation with precision.



When the team unexpectedly ran through their first batch of materials faster than anticipated, they faced a potential delay due to limited on-site storage and delivery schedules. Tricel's local depot in Baldonnell responded swiftly. A call to Darryl resulted in a flexible solution—it was arranged that RBK could collect some additional materials from the local Tricel Composites depot, keeping the project on track. This kind of responsive, real-time support was critical to maintaining momentum and demonstrated a deep understanding of the pressures involved in working within a live environment.

INSTALLATION & TRANSFORMATION
FROM RUBBER TO RELIABILITY

TRICEL
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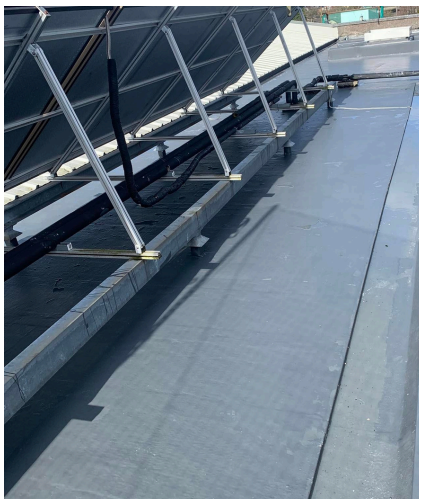
Despite weather delays and a technically challenging layout, the installation was completed in just 3–4 weeks by a three-person crew. FLEX's rapid curing time—walkable within 30 to 60 minutes—enabled the team to stay on schedule. The overlay approach eliminated the need for tear-offs, significantly reducing labour, cost, and disruption. Throughout the project, K Leisure remained fully operational, a testament to RBK Construction's planning and execution.

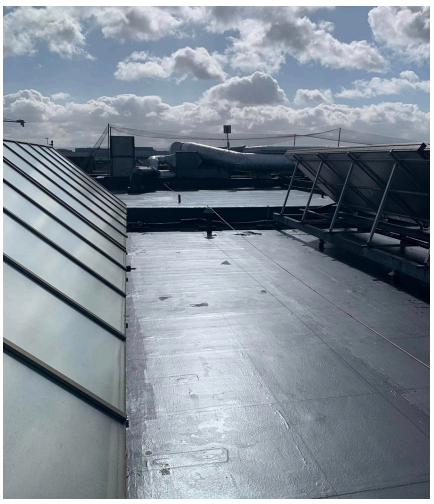
"Working with RBK Construction has been an outstanding experience from start to finish. Their team consistently demonstrated professionalism, transparency, and a deep commitment to quality throughout our project."
— **Maura Noone, Facility Manager K Leisure Newbridge**

THE RESULT

A Roof That Performs Without Compromise

The refurbishment was completed on time, within budget, and without any disruption to K Leisure's daily operations. The roof now features a seamless, flexible, and durable finish backed by a 20-year material guarantee. The project not only resolved existing issues but also delivered long-term peace of mind for the client.





WHY MULTIFLEX STOOD OUT

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"TriRoof MultiFlex has solved all our roofing issues. It's efficient, dependable, and built to last. I wouldn't hesitate to recommend it to anyone looking for a high-performance overlay system that delivers on every front."
— Maura Noone, Facility Manager K Leisure Newbridge

TriRoof FLEX wasn't just a product—it was a complete solution. Its cold-applied, low-odour formulation made it ideal for sensitive, high-traffic environments. The flexibility to overlay existing membranes, combined with strong technical support and responsive logistics, set a new benchmark for modern roofing systems.

"What truly sets RBK apart is their attention to detail and their ability to deliver on time and within budget—without ever compromising on craftsmanship. Communication was seamless,
I would highly recommend RBK Construction to anyone seeking a reliable, skilled, and trustworthy company"
— Maura Noone, Facility Manager K Leisure Newbridge

ARE YOU MANAGING A COMMERCIAL OR DOMESTIC ROOFING PROJECT?

Let Tricel guide you to success with our FLEX roofing system.

Contact us today to discuss your project needs.



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