

FLAT ROOFING SYSTEMS

SIMPLY A BETTER CHOICE FOR WATERPROOFING EXPERTS



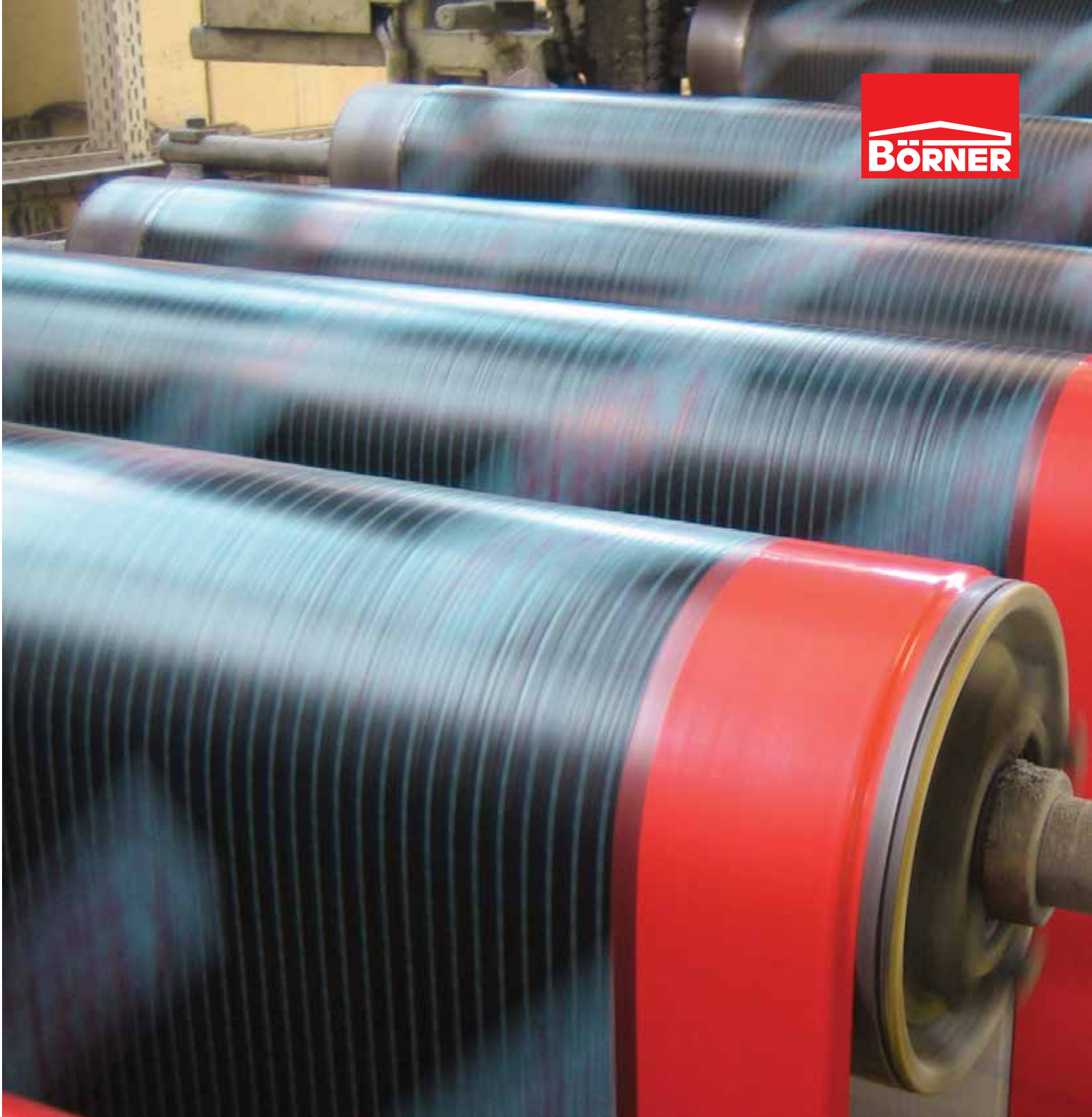
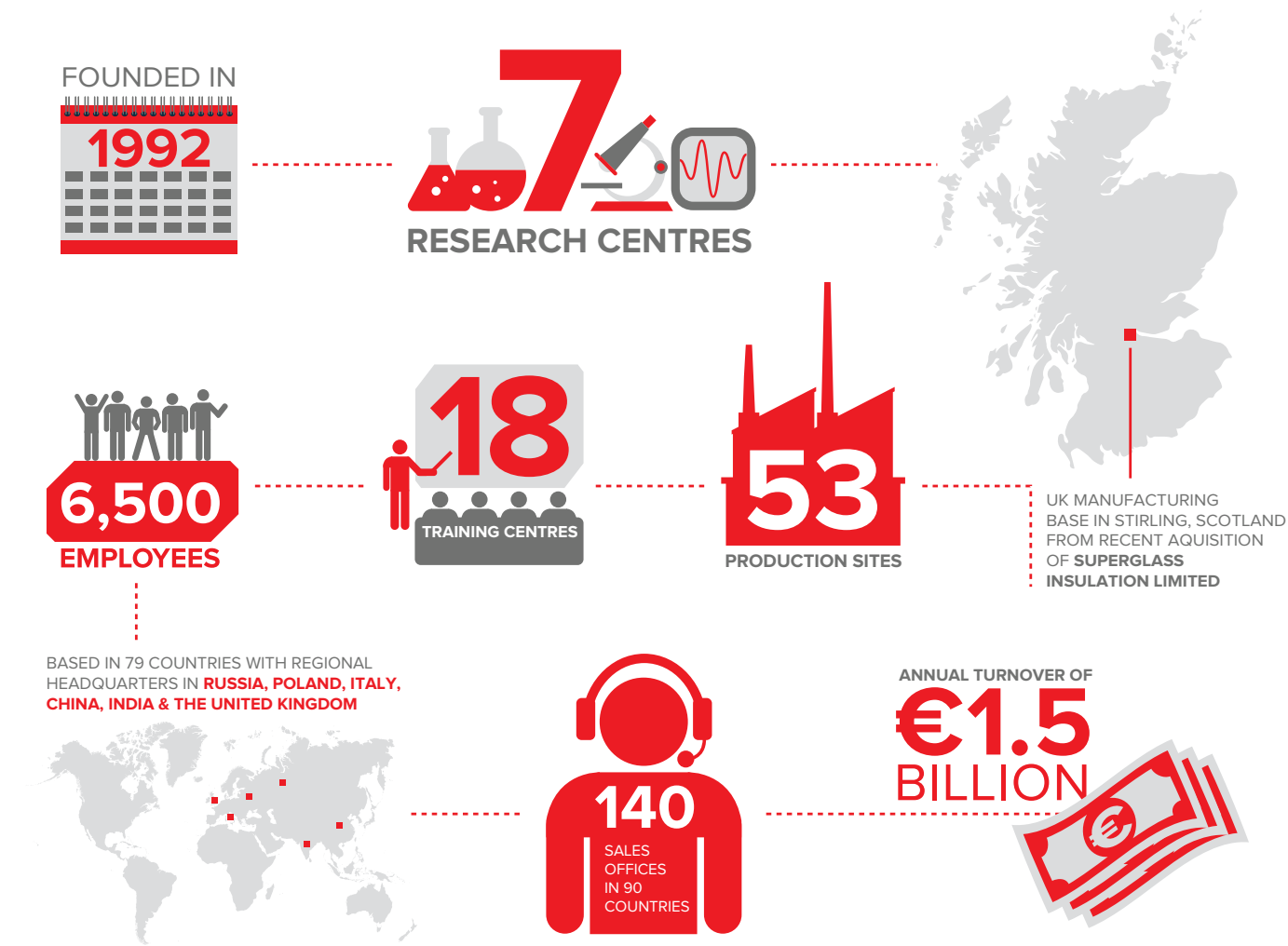
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A WORLD LEADER IN ROOFING

Welcome to TECHNONICOL, one of the world’s leading producers of bituminous membrane roofing, waterproofing and insulation materials.

Our innovative products and technologies are the result of significant investment in research and development, drawing on our wide-ranging experience and working with designers and architects to respond to the ever-changing needs of modern construction.



A ROOFING SUPPLIER YOU CAN RELY ON

While we constantly aim to break new boundaries in product innovation, we also make sure that, as a business, we’re simple and straightforward in the way we work and the things we do. So you’ll always find us easy to talk with, to deal with and to work with.

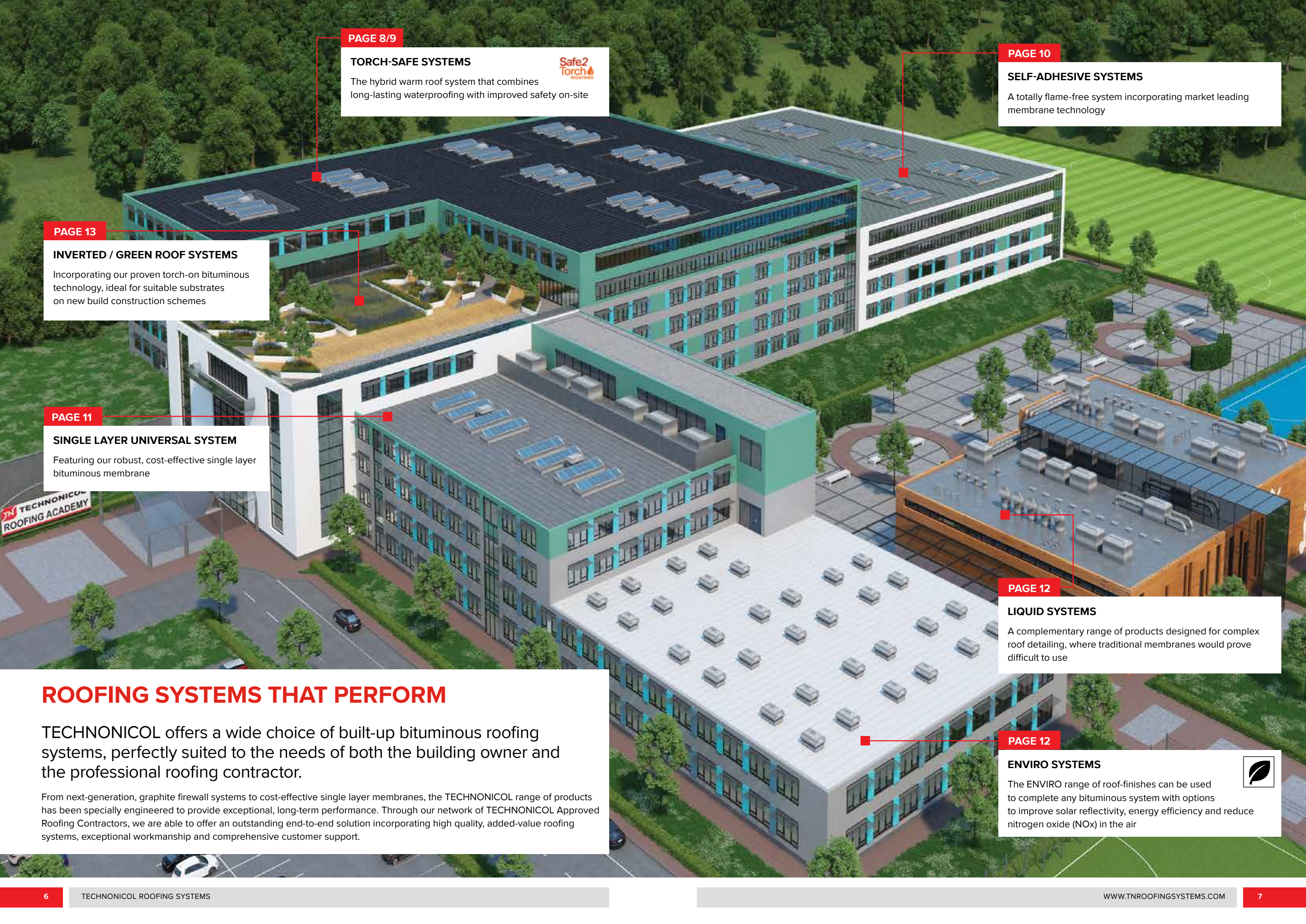
We’re equally passionate about the quality of our manufacturing and our environmental responsibilities. So our state of the art facilities use lean production techniques, and the latest technology to eliminate pollution and waste as much as possible – making our manufacturing plants as good for the environment as our products.

PIONEERING ROOFING TECHNOLOGY

Having recently acquired leading German manufacturer Börner, we are able to offer class-leading waterproofing technology combined with outstanding fire protection. Indeed, Börner’s pioneering research work over 20 years ago led to the development of its patented graphite firewall technology, a revolutionary coating which actively prevents spread of flames on the roof should a fire ever occur.

A COMPREHENSIVE RANGE OF INSURANCE BACKED GUARANTEES






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TORCH-SAFE SYSTEMS

The hybrid warm roof system that combines long-lasting waterproofing with improved safety on-site



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SELF-ADHESIVE SYSTEMS

A totally flame-free system incorporating market leading membrane technology

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INVERTED / GREEN ROOF SYSTEMS

Incorporating our proven torch-on bituminous technology, ideal for suitable substrates on new build construction schemes

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SINGLE LAYER UNIVERSAL SYSTEM

Featuring our robust, cost-effective single layer bituminous membrane

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LIQUID SYSTEMS

A complementary range of products designed for complex roof detailing, where traditional membranes would prove difficult to use

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ENVIRO SYSTEMS

The ENVIRO range of roof-finishes can be used to complete any bituminous system with options to improve solar reflectivity, energy efficiency and reduce nitrogen oxide (NOx) in the air



ROOFING SYSTEMS THAT PERFORM

TECHNONICOL offers a wide choice of built-up bituminous roofing systems, perfectly suited to the needs of both the building owner and the professional roofing contractor.

From next-generation, graphite firewall systems to cost-effective single layer membranes, the TECHNONICOL range of products has been specially engineered to provide exceptional, long-term performance. Through our network of TECHNONICOL Approved Roofing Contractors, we are able to offer an outstanding end-to-end solution incorporating high quality, added-value roofing systems, exceptional workmanship and comprehensive customer support.

TN30 TORCH-SAFE SYSTEM

30 YEARS
MANUFACTURER'S WARRANTY

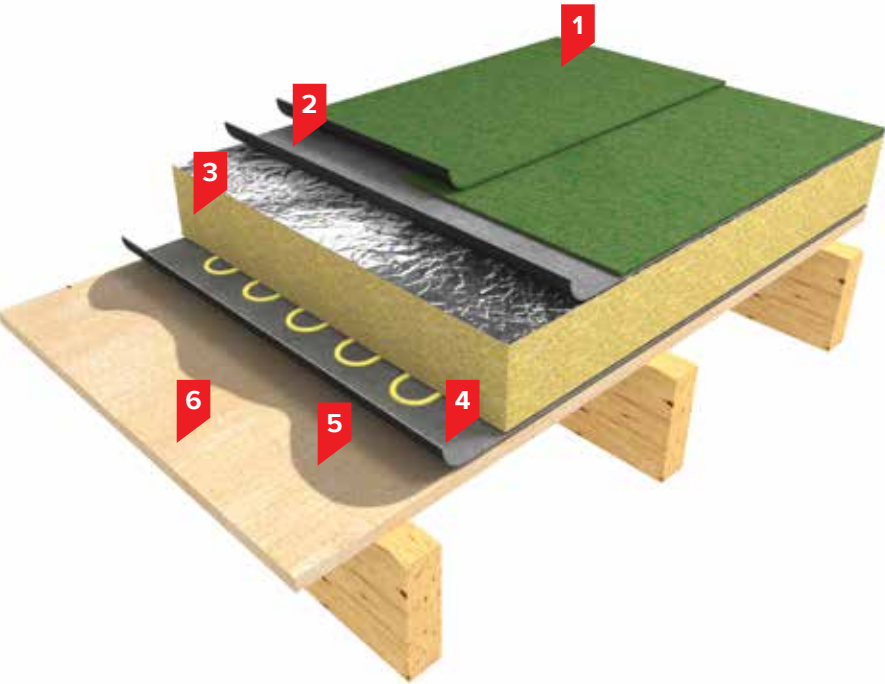
FLAME SPREAD RESISTANCE

EASY INSTALLATION

HIGH DURABILITY

TECHNONICOL’s Torch-Safe roofing system perfectly combines long-lasting waterproofing performance with safe, efficient installation on site.

This specially-developed warm roof system uses a self-adhesive vapour control layer which can be safely and securely bonded to any roof deck without the use of a torch. Thermal insulation is then bonded to the VCL, followed by a polymer modified, self-adhesive underlay and a choice of high performance torch-on cap sheets. A specially developed graphite coating is also incorporated in to our high performance cap sheets to provide the ultimate in fire prevention technology.



1. POLY-ELAST PV 180 S4 Cap Sheet
2. INTER-Stick SK 3 Extra Underlay
3. Foil faced thermal insulation (bonded with PU adhesive)
4. DACO-KSD-B (Aluminium Reinforced) VCL
5. TN Bitumen Prime Coating (as required)
6. Substrate (e.g. timber deck)

WATERPROOFING SYSTEM BENEFITS

- Incorporates graphite firewall technology which actively prevent spreads of flames on the roof
- Reduces risk for contractors, specifiers and building owners
- Ideal for combustible substrates due to its self-adhesive, cold-applied vapour control layer
- Thermally-efficient insulation maximises energy performance of building
- Torch-free self-adhesive membrane ‘perimeter zone’ detailing
- Excellent low temperature flexibility and high temperature stability
- Membranes and application conform to BS 8217:2005
- Choice of 20, 25 or 30-year insurance-backed guarantees

PERIMETER ZONE SAFETY

A key benefit of the TECHNONICOL Torch-Safe System is completely flame-free detailing in all high-risk areas such as perimeter zones and roof penetrations. Here, the roofing membranes can be safely installed close to combustible materials such as timber upstands or other cladding and pitched roof products which might easily ignite.

In perimeter zone areas, Torch-Safe System incorporates a self-adhesive VCL, underlay and specially modified cap sheet to deliver a total ‘cold-applied’ solution. Only Hot air welding is required during installation, completely eradicating the use of naked flames on the roof detailing areas.



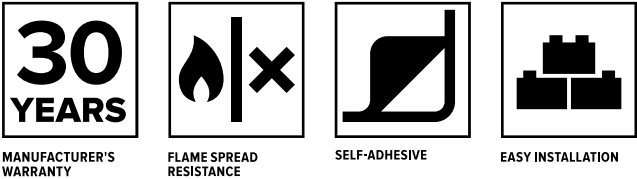
NFRC SAFE 2 TORCH

TECHNONICOL proudly supports the National Federation of Roofing Contractors’ Safe2Torch Campaign which aims to significantly reduce the risk of roof fires when using gas torches to either dry out the roof or install torch-on membranes.

Choosing the TECHNONICOL Torch-Safe System to protect your roof ensures that you'll benefit from the very latest waterproofing technology without compromising health and safety. In addition, you will be guaranteed installation by one of our specially selected TECHNONICOL Approved Roofing Contractors, providing added reassurance that safe, efficient application techniques will be used at all times.

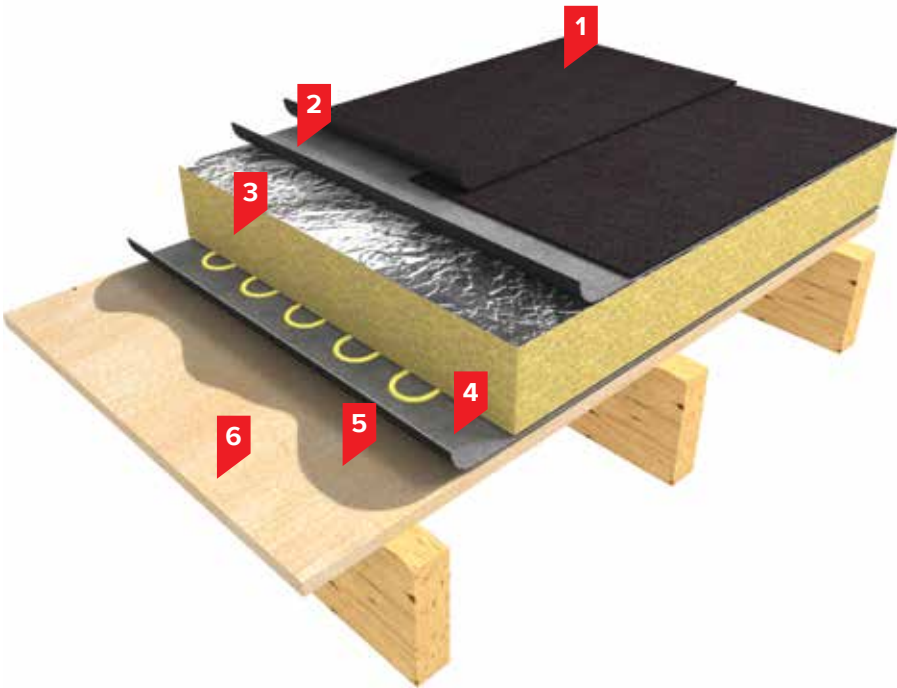


TN30 SELF-ADHESIVE SYSTEM



Where client preference or other factors dictate that a completely flame-free waterproofing solution is required, TECHNONICOL’s Self-Adhesive System provides the ideal solution.

This two-layer, completely cold-applied system incorporates a high performance self-adhesive underlay and cap sheet for a totally flame-free build-up. TECHNONICOL’s self-adhesive membranes contain tough reinforcement and polymer modified bitumen, offering long-term durability and low temperature flexibility. The cap sheet also incorporates our innovative graphite firewall technology for complete fire safety and peace-of-mind.



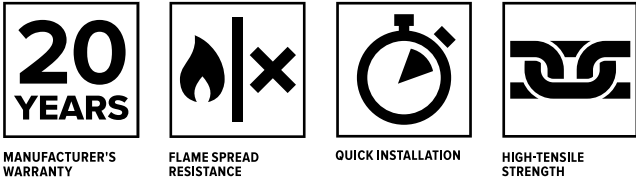
1. DACO-KSO Cap Sheet
2. DACO-KSU-FO Underlay
3. Foil Faced Thermal Insulation (bonded with PU Adhesive)
4. DACO-KSD-B (Aluminium Reinforced) VCL
5. TN Bitumen Prime Coating (as required)
6. Substrate (e.g. timber deck)

WATERPROOFING SYSTEM BENEFITS

- Completely flame-free system
- Incorporates graphite firewall technology which actively prevent spreads of flames on the roof
- High performance, self-adhesive technology
- Simple installation – no need for gas torches or hot bitumen
- High tensile SBS elastomeric membranes
- Application in temperatures as low as 5°C
- Membranes and application conform to BS 8217:2005
- Choice of 20, 25 or 30-year insurance-backed guarantees

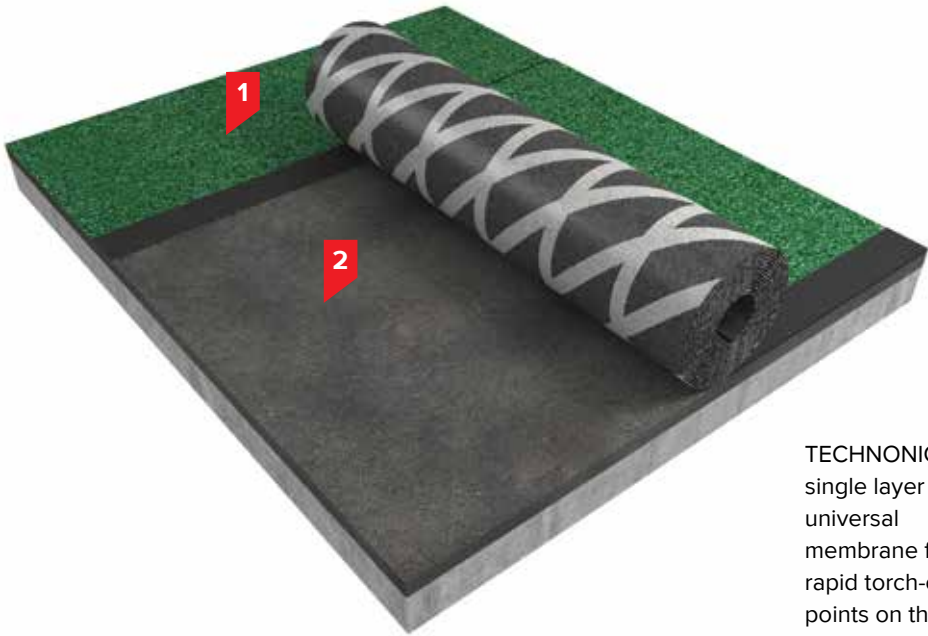


TN20 SINGLE LAYER UNIVERSAL SYSTEM



TECHNONICOL’s single layer universal membrane provides a cost-effective, fast-track method of overlaying existing roof coverings to provide a reliable, long-lasting waterproofing solution.

The robust, 6kg/m² membrane incorporates graphite firewall technology whilst its inherent flexibility gives the product innovative self-healing properties. The membrane’s design also incorporates diagonal shaped channels on the underside which help to vent and control any entrapped roof moisture and enable the product to be rapidly installed using a variety of methods. Most commonly it will be torch-applied to the existing deck surface, but the membrane can also be installed using a heat gun or can be bonded in PU adhesive depending on client preference and project requirements.



1. POLY ELAST RAPID O Single Layer Universal Membrane
2. Existing roof surface (e.g. asphalt or bituminous waterproofing membrane)

TECHNONICOL’s single layer universal membrane features rapid torch-on points on the underside which also allow vapour pressure from the roof to be effectively equalised and controlled.



WATERPROOFING SYSTEM BENEFITS

- Perfect for cost-effective, fast-track roof refurbishment
- Effective overlay solution for revitalising and waterproofing existing tired roofs
- Incorporates graphite firewall technology for the ultimate in fire protection
- Diagonal shaped channels on underside providing reliable, strong bond and roof moisture control
- Versatile methods of installation
- Robust, thick product-highly resistant to site traffic
- Can be torch-applied to suitable non-combustible substrates



INNOVATIVE ROOFING SOLUTIONS



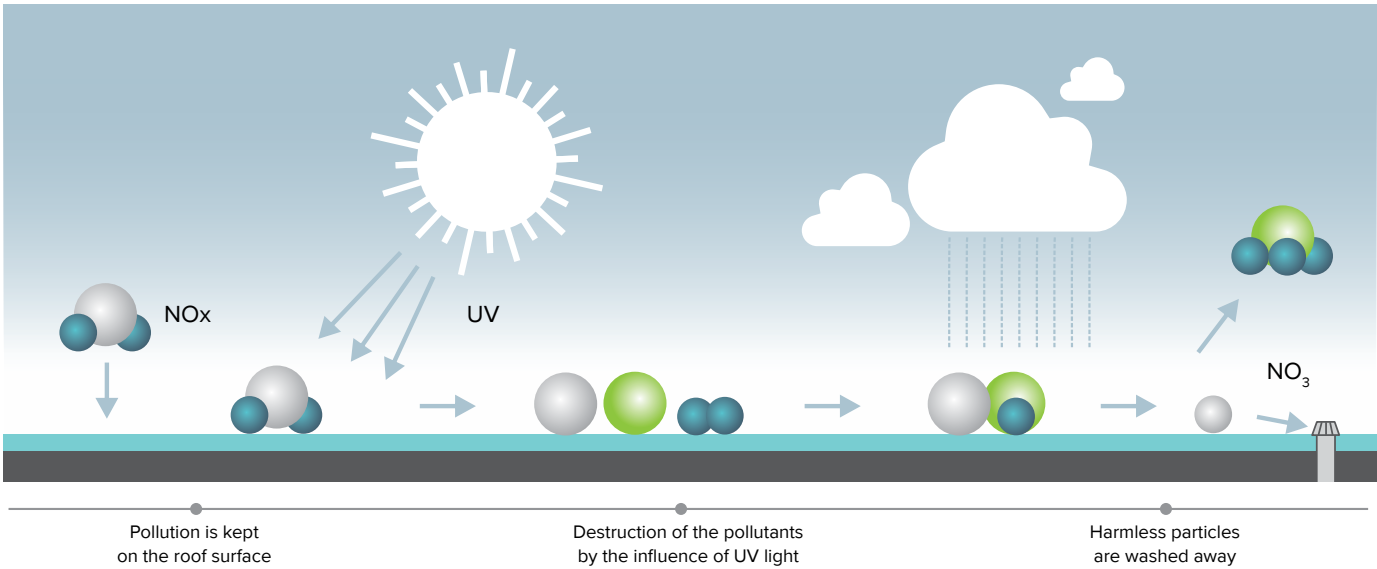
Whether it’s to tackle a complex installation or meet an environmental need, TECHNONICOL has a roofing option to match.

ENVIRO – ENVIRONMENTALLY-FRIENDLY ROOFING TECHNOLOGY

A range of eco-friendly roof finishes designed to benefit the environment by helping to purify city air and positively impact energy efficiency. Can be used in conjunction with TECHNONICOL’s other bituminous membrane systems, with a choice of options including cool roof technology, green roofs and even membranes that remove harmful pollutants from the environment.

AIR-CLEANSING TECHNOLOGY

TECHNONICOL ENVIRO AIR membranes are manufactured to contain specially formulated titanium dioxide (TiO₂) additives. When exposed to sunlight, this technology enables the product to effectively remove harmful nitrogen oxides (NOx) from the surrounding atmosphere. Polluted air passes over the membrane where the NOx are converted into harmless levels of water, carbon dioxide and nitrates, which are then washed away by the rain water.



COMPLEMENTARY LIQUID APPLIED WATERPROOFING

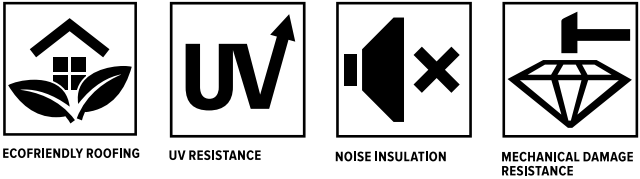
The ideal choice where a roof incorporates a large amount of plant or other complex details that make it difficult to waterproof using traditional membranes. Liquid technology can either be specified as a stand-alone system or more often to complement our range of bituminous membrane systems in specific areas of the roof, especially where difficult detailing is required.



KEY BENEFITS

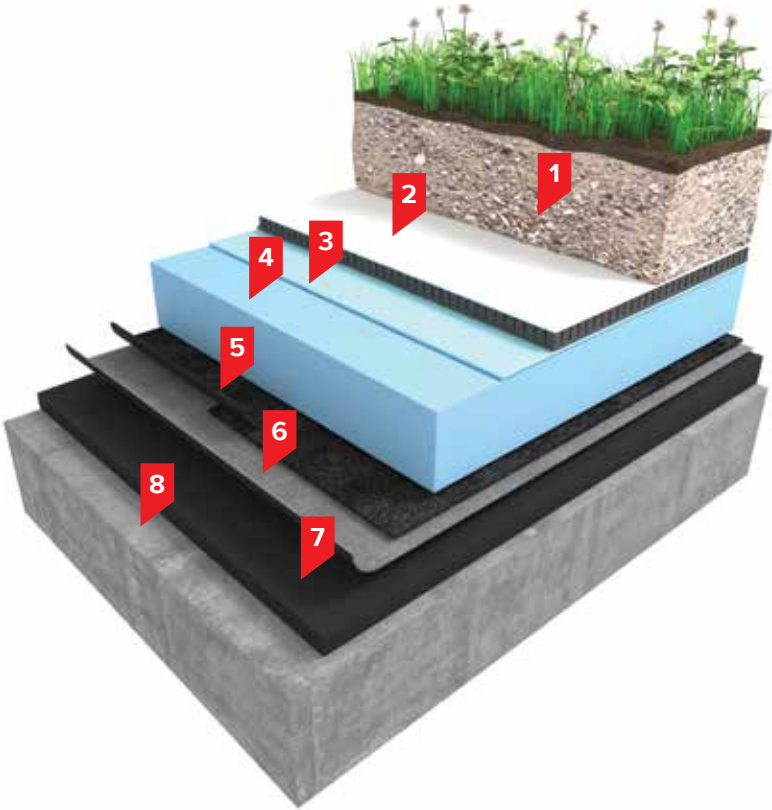
- Cold applied, seamless technology
- Elastomeric formulations able to withstand building movement
- Ideal for areas with complex detailing
- Simple, straightforward application
- Easy-to-use detailing option for BUFR membrane systems

INVERTED & GREEN ROOF SYSTEMS



Often specified for new-build projects, TECHNONICOL’s inverted roof systems feature high performance torch-on waterproofing membranes beneath the insulation boards.

Inverted roofs are usually specified on concrete decks and, where this is the case, our two layer torch-on system provides the perfect waterproofing solution. Various roof finishes can be specified, including roof gardens which provide a range of environmental and practical benefits such as reduced stormwater run-off, improved acoustic performance and improved ambient air quality.



1. Growing Medium and Chosen Green Roof Finish
2. Drainage / Moisture Retention Layer
3. Water Control Layer
4. Inverted Roof Insulation Boards
5. SK Bit 105 PV Root Protection
6. MONOPLEX SBS PV180 S4 Underlay
7. Screed Laid to Falls (as required)
8. Concrete Deck

WATERPROOFING SYSTEM BENEFITS

- Multi-layer waterproofing protection
- Tough, durable finish using robust bituminous membranes
- Membranes fully protected by subsequent insulation and roof ballast
- Waterproofing layer also acts as vapour control layer
- Versatile roof finish options, including ballast, podium deck and green roofing

PREVENTOL TECHNOLOGY

At TECHNONICOL we manufacture high performance membranes that can be included as part of a green roof system. The specially developed cap sheets incorporate Preventol, a proven technology that enables the membrane to resist the growth of roots from plants, shrubs and trees. System options include extensive green roofs, intensive roof gardens and biodiversity (brown) roofs.

A REASSURINGLY SIMPLE APPROACH

Apart from a range of high quality, versatile roofing systems, what is it that sets TECHNOMICOL apart? Our no-nonsense approach to support and installation.

WE'LL PROVIDE WHATEVER SUPPORT YOU NEED. IT'S THAT SIMPLE

It's a fact that no two roofs are the same. And from time to time, even the most experienced professionals need a little help. So our Technical Team and Approved TECHNOMICOL Contractor Network are always on-hand to provide you with whatever information, or in-depth support, you might need.

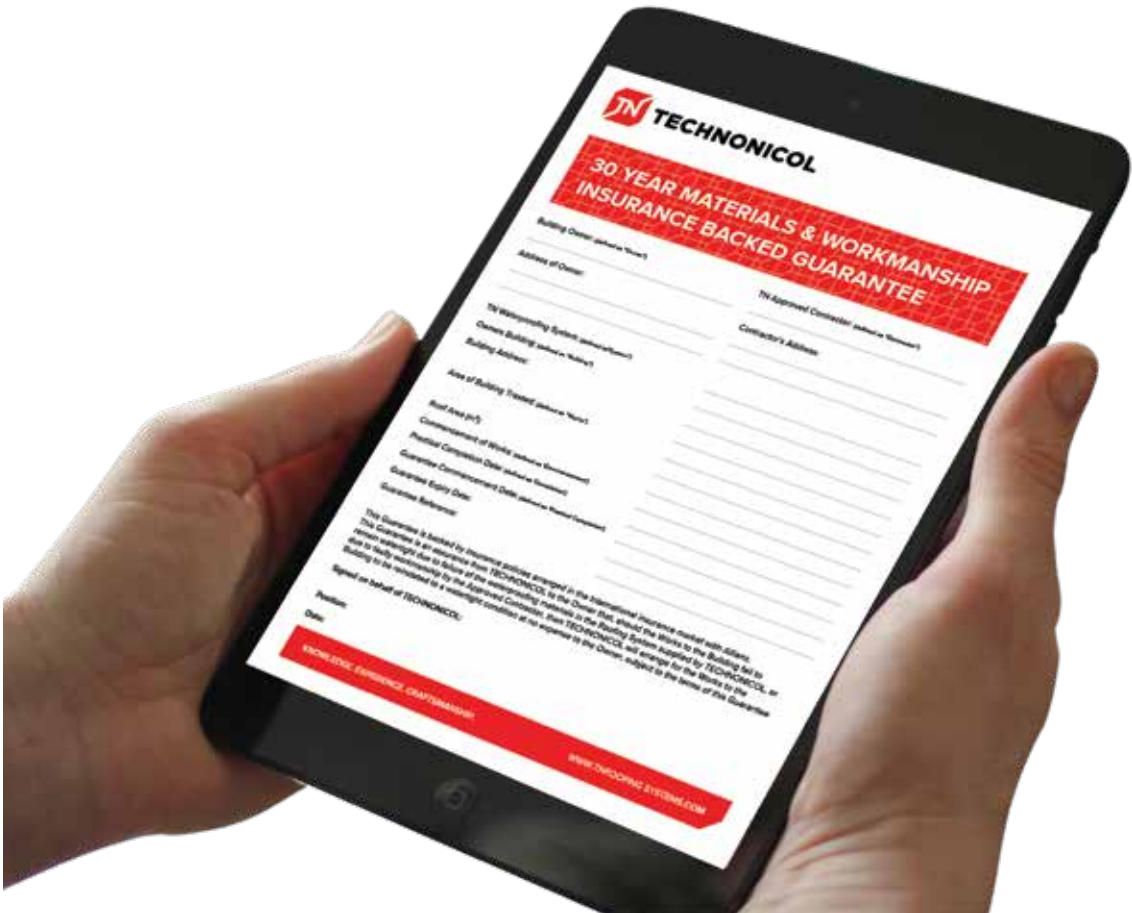
We can provide detailed data sheets and approvals for every product. We can also help with every aspect of specification, and provide detailed CAD drawings where necessary. And our problem-solving approach means we'll get involved in more complex installations, to help you work out the most efficient and cost-effective solution.

GETTING THINGS RIGHT — FIRST TIME

At TECHNOMICOL we take a holistic approach to every project, from reliable, high quality products, to efficient sales support and logistics, we work hard to deliver a first-class service at each stage of the process.

STRAIGHTFORWARD, MEANINGFUL GUARANTEES

Our robust guarantees are equally uncomplicated. Whatever the system, you can choose from 20, 25 or 30-year guarantees covering all materials and workmanship in conjunction with the Approved TECHNOMICOL Contractor Scheme. TECHNOMICOL system guarantees are backed by Allianz, one of the world's leading insurers, with no catches or small print to worry about so you'll always know where you stand. Which means you know you can rely on TECHNOMICOL products for years to come.



30
YEARS

25
YEARS

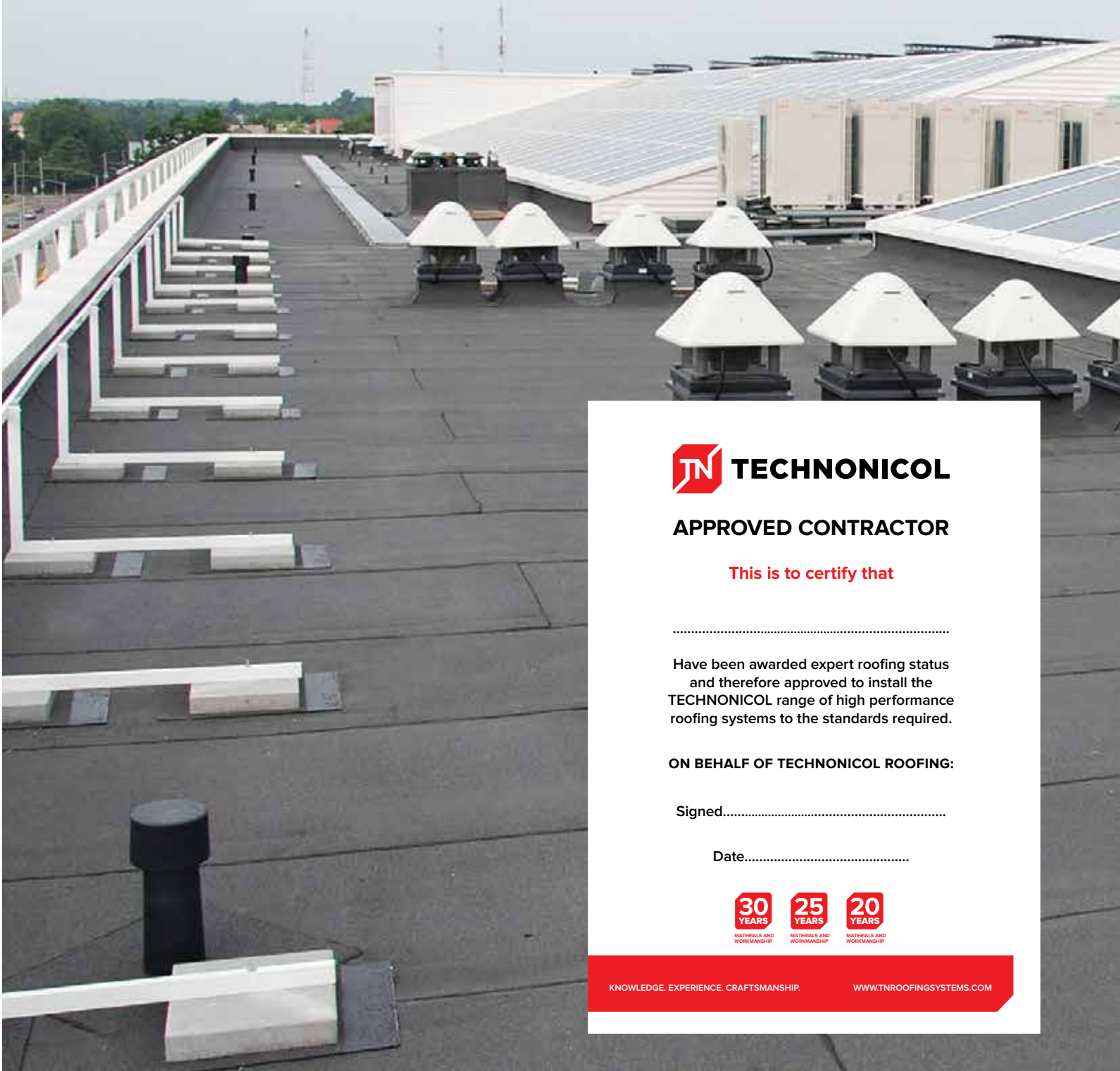
20
YEARS

TECHNOMICOL APPROVED ROOFING CONTRACTORS. SIMPLY THE BEST PARTNERSHIP.

It's not just our products that offer the highest quality. Our nationwide network of Approved Contractor Partners has been specially selected for their experience and ability to deliver a complete, end-to-end roofing solution.

TECHNOMICOL Approved Roofing Contractors have been chosen for their ability to complete projects of any size or complexity with exceptional standards of workmanship. For example, their outstanding commitment to health and safety and to considerate working practices at all times, and their financial stability and willingness to invest in their people.

In short, with a Approved TN Contractor you know you're not just getting a good job well done – you know you're working with the best in the business.



APPROVED CONTRACTOR

This is to certify that

Have been awarded expert roofing status and therefore approved to install the TECHNOMICOL range of high performance roofing systems to the standards required.

ON BEHALF OF TECHNOMICOL ROOFING:

Signed.....

Date.....

30
YEARS

25
YEARS

20
YEARS

KNOWLEDGE. EXPERIENCE. CRAFTSMANSHIP. WWW.TNROOFINGSYSTEMS.COM

GET IN TOUCH. IT'S SIMPLE.

If you'd like to find out more about
TECHNONICOL and our products,
we've made that easy too.

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