


Triflex

Delivering solutions together.

From the liquid applied waterproofing specialist

The number 1 for details.



**Triflex
ProDetail®**



WATERPROOFING FOR DETAILS | JUNCTIONS | JOINTS



Triflex ProDetail

Often copied. But never matched.

Tried and tested on building sites over 40 years, adhesion to over 1,400 tested substrates, countless areas of application, exceptionally reliable, extremely durable and waterproof to the smallest detail: it's no coincidence that Triflex ProDetail is the number 1 waterproofing solution. With unparalleled versatility, Triflex ProDetail is the ultimate choice for both new builds and refurbishment: from skylights on roofs, gullies on balconies, balustrade posts on stairs, joints on parking decks through to permanently elastic joints on cable car stations and joint details on milking plants. Triflex ProDetail is more than just a waterproofing product – with our training and service and your application expertise, it is the best possible solution to master all challenges.

Triflex ProDetail's strengths

From us. For you. Great advantages.

Fast-curing liquid applied waterproofing.

Reduced time on site, fast project completion.

40 years experience on building sites, tried and tested on more than 1,400 substrates.

Tailored advice and optimal waterproofing solutions.

Comprehensive range of additional products for optimal application.

Problem-free adhesion even on special and demanding substrates.

Certified in the highest performance categories, approved in the application categories K1 and K2 as per DIN 18531.

Effective, risk-free working, tried and tested solutions.

Thoroughly impressive.



Unbeatably versatile.

New builds, refurbishments, minor repairs, wall junctions and door sills, gullies, ventilators, joints, beams, green areas, various substrates etc.: with Triflex ProDetail you have the ideal, customised and long-lasting solution for all waterproofing requirements



Extremely durable.

Triflex ProDetail is certified in the highest performance categories and has performed successfully in extensive tests and in long-term practical use. The expected service life in accordance with ETAG 005 is 25 years.



Extremely waterproof down to the smallest detail.

Joints, beams, joint details, structural movement where components meet and cracks: Triflex ProDetail comes into its own when handling complicated details. The flexible material together with the fleece reinforcement ensures seamless and jointless waterproofing.



Can be applied at temperatures down to -5°C

Additional revenue regardless of the weather conditions and time of year.

Resistant to weather, UV and hydrolysis.

Long-lasting functional solutions which ensure great reliability.

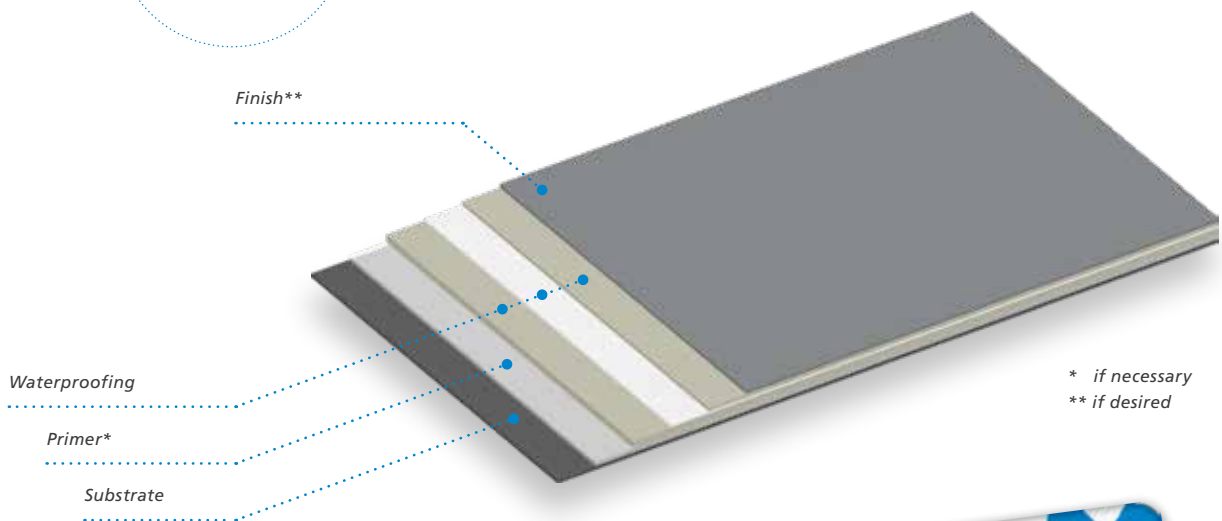
Can be applied at substrate temperatures of up to +50°C.

All year round, maximum scope for installation.

Coordinated, requirement-oriented, reliable

Systematic waterproofing.

As your system provider, it is of the utmost importance to us that our products are perfectly coordinated. Triflex ProDetail combines fast-curing liquid applied waterproofing with full-surface fleece reinforcement. It is applied in a cold liquid form, wet-on-wet, and cures extremely rapidly to create a long-lasting and flexible finish.



* if necessary
** if desired



Exceptional safety. Exceptional conformity.

With Triflex ProDetail you have complete peace of mind whatever the application. At Triflex, we regard continuous internal and external quality controls in production and extensive field tests prior to market launch as essential.

- Highest possible categories as per ETAG 005 (W3, M and S, P1-P4, S1-S4, TL4, TH4).
- Certified safety as per ETA, root- and rhizome-resistant as per FLL.
- Material guarantee filed with the Central Organisation of the German Roofing Trade Association (ZVDH).



With Triflex ProDetail even smaller jobs and repairs can be managed quickly and simply. You benefit from the fact that you only have to mix the amount which you actually require. To speed up the process even further: Simply order and we will deliver to the building site.

A selection of our additional products

Anything is possible. Everything is watertight.

In most cases **Triflex ProDetail** can be used without a primer. For all other substrates we offer solutions which render time-consuming preliminary work superfluous and enable you to work more quickly and simply. Moreover, we also offer a wide range of products for the safe and reliable waterproofing of joints and complex details.

Primers

Triflex Metal Primer

Metal substrates

- + Alternative to protracted grinding
- + Suitable for all metal surfaces, e.g., copper and stainless steel
- + Also for rusty substrates
- + Fast drying and fast recoat time



Complementary products

Triflex ProFibre

Highly complex details

- + Simple application even with hard-to-reach details where fleece sections cannot be used
- + Fibre-reinforced, elastic waterproofing



Triflex Primer 610

FPO and EPDM membranes

- + Universal, quick-drying and optimised adhesion
- + Can be recoated after 30 minutes
- + 1-component, low volume



Triflex Special Fleece SK

Vertical joints

- + Self-adhesive fleece polyester
- + Material-strengthening and crack-bridging
- + Perfect, simple fixation
- + Tried-and-tested waterproofing for construction joints



Triflex Glass Primer

Glass substrates

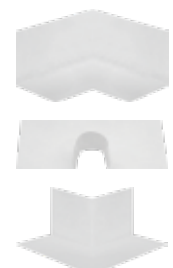
- + Can be used on virtually all glass and nanocoated surfaces
- + Low viscosity: no inconvenient runs
- + No abrasion required
- + Fast drying and fast recoat time



Triflex Special Fleece moulded components

Standard joints

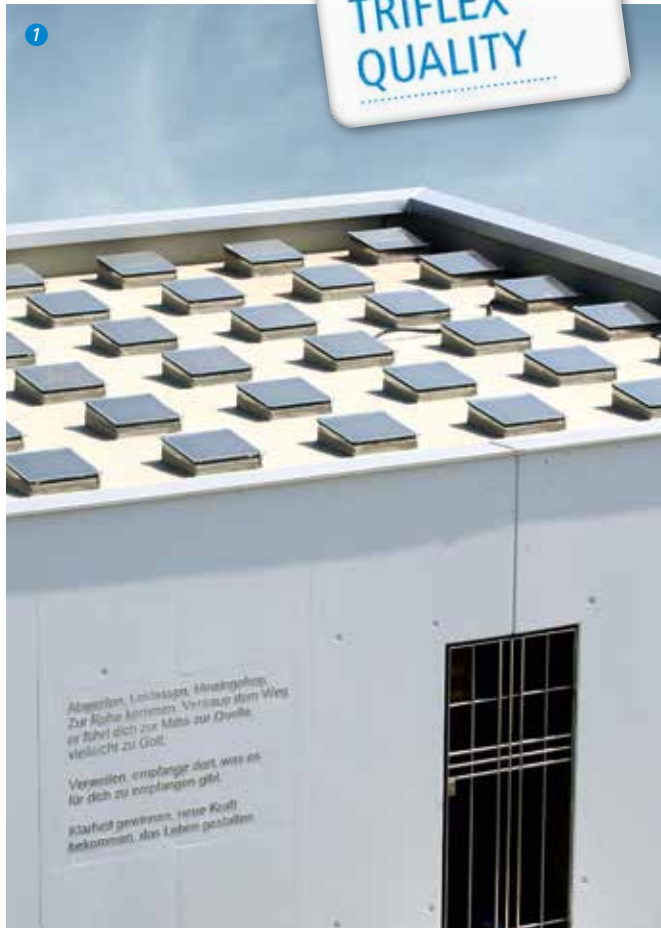
- + Simple, compliant waterproofing of penetrations, gullies, inner and outer corners as well as pipe ducts
- + Reduction of cutting work
- + Reduction of application times
- + Clean finishing of details and appealing look



Simple and ideal for refurbishments

Triflex ProDetail for roofs.

K2. Suitable for higher quality roof structures as per DIN 18531 and the German Flat Roof Guidelines.



Strengths

- + Simple application even on vertical surfaces
- + Approved in the application categories K1 (standard requirements) and K2 (increased requirements) as per DIN 18531
- + Satisfies European tests with an external fire load of B_{ROOF} (t1, t2, t3)
- + Maximum loading level P4: reliable waterproofing of even soft roofing membranes and thermally insulated surfaces
- + Hail impact test as per DIN EN 13583
- + Replaces complex structures such as apron plates on metal roofs

Application examples:

- 1 Skylights and roof surface
- 2 Metal roof penetration
- 3 Copper moulding
- 4 Ventilator penetration
- 5 Flat roof
- 6 Pipe duct details
- 7 Drainage channel transition on metal roof
- 8 Green roof landscape

Tried-and-tested and robust

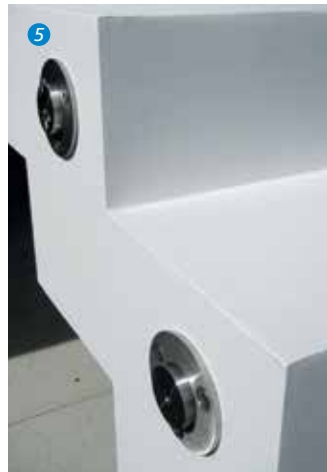
Triflex ProDetail for balconies and multi-storey car parks.

Fire safety as per DIN 13501-1.

Triflex ProDetail is also available
as an **S1-Variant!**

Strengths

- + Can be applied on any substrate geometry
- + Simple refurbishment in the joint area
- + Heat resistant up to +250 °C for use under mastic asphalt
- + Application without a flame on wooden frames and plastic sections
- + Can withstand high mechanical loads, also suitable for roll overs
- + Can be simply recoated even after extended periods
- + Can be used on mastic asphalt



Application examples:

- 1 Wall junction and gutter
- 2 Leading edge of balcony
- 3 Multi-storey car park column
- 4 Door sill
- 5 Stair stringer
- 6 Gully
- 7 Cornice projection

Dynamic crack-bridging

Triflex ProDetail for joints.

Strengths

- + Exceptional flexibility and loading capacity
- + Expansion joint formation for green areas and areas for pedestrians and vehicle traffic
- + Tested for waterproof concrete joints as per the testing principles "Junctions of structural waterproofing on concrete components with high water penetration resistance" (PG-ÜBB)
- + Suitable for waterproofing in connection with joint tapes
- + Heat resistant up to +250 °C for use as splash water protection under mastic asphalt



Application examples:

- 1 Joint sealant
- 2 Joint suitable for vehicle traffic
- 3 Joint suitable for vehicle traffic
- 4 Concrete construction joints
- 5 Balcony junction and expansion joint
- 6 Joint profile
- 7 Waterproof concrete joint
- 8 Glass load bearing construction joints

Extremely strong and wear resistant

Triflex ProDetail from foundations to feed passages.

Strengths

- + Chemically resistant to liquid manure, slurry, silage effluent and much more
- + Compensation of movement in the transition from the base to the foundation
- + Impermeable thanks to full-surface adhesion to the substrate
- + Extremely flexible system even in areas in contact with soil
- + Hydrolysis and alkali resistant



Application examples:

- 1 Cable car station foundation
- 2 Wind turbine foundation
- 3 Ski station joints
- 4 Rotary milking parlour details
- 5 Cattle shed coating
- 6 Water tank
- 7 Retention reservoir



Triflex project expertise

As a manufacturer and direct distributor of liquid applied waterproofing for roofs, balconies, multi-storey car parks and much more, we have almost 40 years of project experience and always offer customised solutions to meet your requirements. We ensure ideal cooperation between contractors, planners, our staff and systems. The channels are short and direct, and personal contact is guaranteed without complications. Welcome to the Triflex family.



Triflex training expertise

We communicate our know-how directly and bypass trade intermediaries: we train and provide advice before, during and after the project. This guarantees the best possible application results, optimal solutions and long-term satisfaction.

MORE
THAN JUST
DETAIL
WATERPROOFING.



Triflex quality

- Highest possible categories as per the European Technical Approvals (ETAG 005).
- Certified safety as per ETA, root- and rhizome-resistant as per FLL.
- Material guarantee filed with the Central Organisation of the German Roofing Trade Association (ZVDH).
- Continuous internal and external quality controls as well as enhancement and optimisation of products.



Triflex service

This is where we as a manufacturer and direct distributor are closer to the action: we support and supervise your project with our technical advisers and applications engineers. We deliver to the construction site on schedule, offer advice from the word go, help you with offers and use our technical expertise to assist with execution and, in doing so, guarantee the long-term success of your project.

Reference projects.



Planetarium, Hamburg (DE)

- Component: Water tank
- Project size: 110 m² spillways, 250 m² tank edge
- Completion: 2011



La Géode, Paris (FR)

- Component: Water tank
- Project size: 1,800 m²
- Completion: 2014



Troja Bridge, Prague (CZ)

- Component: Steel rod anchoring
- Project size: 530 m²
- Completion: 2014



Pergamonmuseum, Berlin (DE)

- Component: Glass roof
- Project size: 1,800 m²
- Completion: 2004



Forwarding company Nosta, Piding (DE)

- Component: Solar roof
- Project size: 25,000 m²
- Completion: 2009



Underground carpark Karlsruhe, Freiburg (DE)

- Component: Intermediate deck
- Project size: 5,000 m²
- Completion: 2012

Compatible with all substrates.

Substrate

- Asphalt
- Concrete
- FRP / Skylight frame
- Glass
- Hot bitumen coating/cold bitumen coating
- Metals (stainless steel, copper, zinc, etc.)
- Plastic sheeting (EVA)
- Plastic sheeting (FPO/TPO)
- Plastic sheeting (PIB)
- Plastic sheeting (PVC-P, nB)
- Polymer bitumen sheeting (PY-E) mod. (SBS)
- Polymer bitumen sheeting (PY-E) mod. (APP)
- PU mouldings and rigid foam boards
- PVC mouldings
- Rubber sheeting (EPDM)

without primer

with primer

Asphalt		●
Concrete		●
FRP / Skylight frame	●	
Glass		●
Hot bitumen coating/cold bitumen coating		●
Metals (stainless steel, copper, zinc, etc.)	○	
Plastic sheeting (EVA)	●	
Plastic sheeting (FPO/TPO)		●
Plastic sheeting (PIB)	○	
Plastic sheeting (PVC-P, nB)	●	
Polymer bitumen sheeting (PY-E) mod. (SBS)	●	
Polymer bitumen sheeting (PY-E) mod. (APP)		●
PU mouldings and rigid foam boards	●	
PVC mouldings	●	
Rubber sheeting (EPDM)		●

Triflex

Delivering solutions together.



International

Triflex GmbH & Co. KG
Karlstrasse 59
32423 Minden | Germany
Fon +49 571 38780-708
international@triflex.com
www.triflex.com