

Triflex


Delivering solutions together.

Competence brochure
From the liquid-applied waterproofing specialist

Solutions for sports and event facilities.



SOLUTIONS FOR SPORTS AND EVENT FACILITIES.



The challenges of sports and event facilities: unlimited use on the days the event is taking place, maximum safety requirements for visitors, high loads due to heavy visitor traffic.

The Triflex requirement: project implementation solutions that do not cause any impairment for clients or spectators, solutions for increased fire protection and maximum anti-slip protection, solutions for permanent protection against mechanical and weather-related influences. Solved together.

MULTIPLE CHALLENGES. ONE SOLUTION.



- 1 Changing rooms
 - 2 Supporters' sections and public areas
 - 3 Roof areas (incl. waterproofing on polycarbonate, steel sheet)
 - 4 Technology and media rooms
 - 5 VIP rooms and boxes
 - 6 Parking and traffic areas (incl. waterproofing under mastic asphalt)
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WE SOLVE IT TOGETHER.

Projects

Your project is our project: we help you from the word "go" with planning, consultation and offer preparation. After all, we are only satisfied once the project has been fully completed and you have gone away happy.

Application

We implement concepts: together with our in-house trained Triflex contractors, we guarantee maximum execution reliability.



Product

Your problem, our solutions: we have the perfect waterproofing system for every challenge. Enduringly watertight, the best possible certification, perfectly coordinated, tried and tested over many years, and constantly under further development.

Service

Your requirements, our job: we offer you advice and assistance from a personal contact partner or applications engineer, we deliver to the construction site on schedule and, as a manufacturer, we can implement project-specific solutions.

Triflex waterproofing technology

More than 40 years of experience, completely universal.

Our waterproofing systems are universally applicable and can be flexibly used in all areas and the trickiest of angles, thus providing long-lasting protection for any building structure in sports and events facilities. Whether a new design, repair or refurbishment, with us you will always find the reliable solution that offers long-lasting and high-quality protection. That way, we ensure the long-term satisfaction of our clients and visitors alike.

Excellent adhesion properties on a variety of substrates:

Maximum safety in the material combination.

Fleece-reinforced waterproofing of details, junctions, joints and surfaces:

Long-lasting waterproofing and maximum safety especially in areas subject to high loads.

Rainproof after just 30 minutes, fully cured after 45 minutes – even at low temperatures:

Refurbishment between event days without any impairment for clients or spectators.

Unaffected by any movements of the structure:

Exceptional flexibility and dynamic crack-bridging.

Non-slip finish in various classes, maximum abrasion resistance:

Long-lasting anti-slip protection during use, and suitability for heavy visitor traffic.

Flame-retardant systems which satisfy the more stringent fire safety requirements:

Protection of the structure and maximum safety for visitors.

Low maintenance:

Easy cleaning of the surfaces with conventional methods (high-pressure cleaning)

Excellent durability – expected service life of at least 25 years:

Highly economical due to longer intervals between refurbishments.

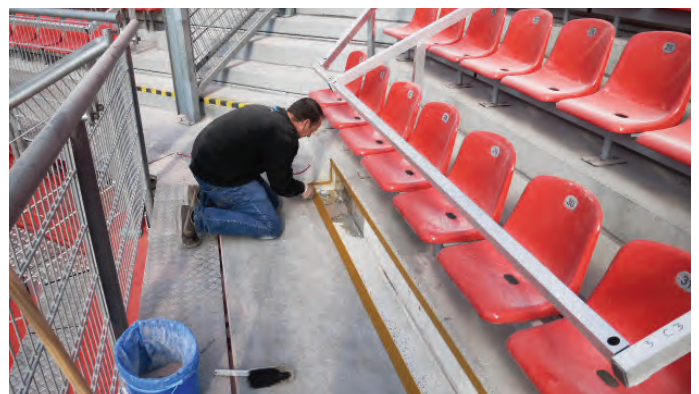
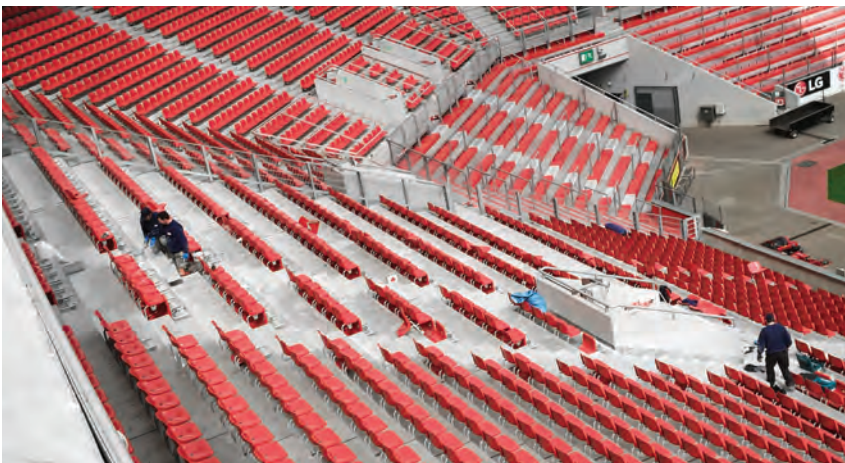
Stadium with details in the terrace and circuit areas

Triflex impresses with perfect joint waterproofing.



Project data and application

Project	BayArena, Leverkusen (Germany)
Investor	Bayer 04 Leverkusen Fussball GmbH
Surface area/joints	2,500 m ² /20 running kilometers
Substrate	Concrete, asphalt
Waterproofing	Triflex JWS, Triflex DeckCoat, Triflex ProDetail
Completion	2016



BayArena LEVERKUSEN.

- Reliable joint waterproofing to protect the rooms below
- Reduction in the number of maintenance intervals
- Flame-retardant systems (fire protection with Cfl S1 classification)
- Easy cleaning using high-pressure jets
- High strength against severe loads caused by visitor traffic
- Swift project implementation between match days

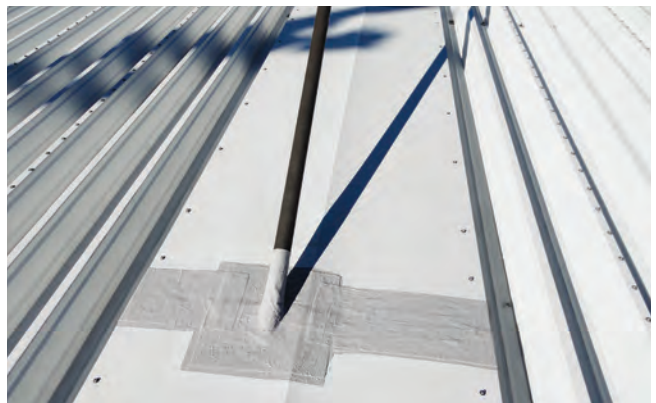
Stadium roof made of coated trapezoidal sheet metal with numerous details

Triflex refurbishes with the most stringent requirements.



Project data and application

Project	Zagłębie Football Stadium, Lubin (Poland)
Investor	Zagłębie S.A., Hochtief Polska S.A.
Joints/details	2,500 running meters/2,500 details
Substrate	Metal, concrete
Waterproofing	Triflex ProDetail
Completion	2014



ZAGŁĘBIE FOOTBALL STADIUM POLAND.

- Reliable waterproofing of complicated structures
- Reliable adhesion even when materials are changed
- Absorption of thermal movements and movements from the roof structure
- Project implementation even at low temperatures during the winter break
- Lower maintenance costs due to the expected service life of 25 years

Complex waterproofing of a concert hall

Triflex offers tailor-made solutions.



Project data and application

Project	Summer Concert Hall, Batumi (Georgia)
Investor	ATU Association
Surface area	4,500 m ²
Substrate	Concrete
Waterproofing	Triflex BTS-P, Triflex ProDetail
Completion	2014



BATUMI SUMMER CONCERT HALL GEORGIA.

- Reliable waterproofing of details and the surface area to protect the function rooms below (foyer, cinema, etc.)
- Mechanically high strength against severe loads caused by visitor traffic
- High weather resistance (even at 95 % humidity)
- Creative colour design due to special colouring
- Highly slip-resistant coating

More reference projects

Triflex recognises the relevancies of all the details.



Stara Pasova National Football Stadium
(Serbia)



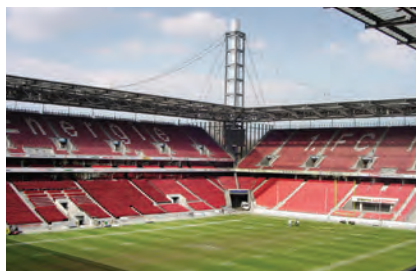
Gugl Linz Sports Stadium
(Austria)



Olympia Ice Sports Stadium in Garmisch-Partenkirchen
(Germany)



Cardiff City Stadium
(Great Britain)



RheinEnergieSTADION in Cologne
(Germany)



ESPRIT Arena in Düsseldorf
(Germany)



De Grolsch Veste Football Stadium in Enschede
(The Netherlands)



SV Raika Lana Stadium
(Italy)



Valkenswaard Equestrian Stadium
(The Netherlands)



Signal Iduna Park in Dortmund
(Germany)



Olympic Stadium in Berlin
(Germany)



Red Bull Arena in Leipzig
(Germany)

MORE ADVANTAGES TOGETHER.



- 40 years of experience
- Number 1 for liquid-applied waterproofing solutions
- Unique, direct service

MORE SAFETY TOGETHER.

Our products meet the highest technical requirements.
For you, this quite simply means **effective, risk-free planning and refurbishment:**

- Top-performing certified products (ETA)
- Long-lasting waterproofing in compliance with the latest standards
- Fully-developed technology combined with tried-and-tested solutions
- Internationally certified products (BBA, DTA, FLL, etc.)

MORE EFFICIENCY TOGETHER.

Our focus is on efficient working and rapid project implementation.
We offer the simple way to achieve a **long-lasting and cost-effective solution:**

- Low maintenance costs thanks to excellent durability
- Quick overcoating for new builds and renovation projects
- Recoating is often possible without demolition
- Use in individual repairs or a complete refurbishment process
- Integration of complicated details and connections

MORE QUALITY TOGETHER.

We carry out our own research and production, and are constantly further developing ourselves. This quite simply gives you the **best possible solution:**

- Thorough quality controls, including external monitoring
- Comprehensive practical tests prior to market launch
- Further development in response to customer wishes
- Perfect solutions for every challenge
- Collaboration only with certified Triflex specialist contractors

MORE SERVICE TOGETHER.

We help with our expertise and passion.
Quite simply, we are your **reliable partner:**

- Personal contact partners in your area
- Project monitoring by our applications engineers
- Competent contact persons for any technical questions at all times
- Recommendation of experienced and trained specialist contractors

MORE SATISFACTION TOGETHER.

We, our products and our systems live up to what we promise.
For you, this means **short closure periods and swift project implementation:**

- Maximum product quality and optimum application by competent Triflex partners
- Short closure periods ensure highly satisfied clients and owners
- All-round service leaves you more time for what's important
- Joint solutions for all requirements, now and in the future

Triflex

Delivering solutions together.

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