

Sustainability at Triflex

Responsible, reliable, durable and ready for the future



As a part of the Follmann Chemie Group, the Triflex brand is one of the European leaders in the construction chemicals industry. We are only able to achieve this through continual innovation and constantly improving both our manufacturing processes and our products. And for us, better has always meant more compatible with the environment.

We see sustainability as essential for our future viability, because today's global challenges are asking more of even tried and tested, well-functioning business models. Right from the start, we have defined sustainability as successfully combining our business activities with our sense of economic, environmental and social responsibility. We see it as a duty towards the generations of today and tomorrow. As a family business we take the long view and focus on long-term investments instead of maximising short-term profit.

We have been investing in environmental technology for decades, cutting both our consumption of resources and our emissions. Triflex products are manufactured in Germany, and we follow the laws, official regulations and requirements for plant and product safety. Our systems and procedures are externally monitored and certified regularly.*

We are proud the Follmann Chemie Group has been awarded EcoVadis Gold, which signifies excellence in sustainability, placing us among the top 5% of assessed businesses worldwide. This recognition reflects strong performance across key areas, including the environment, labour and human rights, ethics, and sustainable procurement. The trusted award demonstrates our commitment to responsible business practices, continuous improvement, and transparency in sustainability efforts, reflecting our dedication to positive environmental and social impact.

In addition, we support the Association of the Chemical Industry "Responsible Care" initiative and are also a member of the German Sustainable Building Council (DGNB).



We have been reporting on our environmental protection and sustainability activities for 25 years.

Scan the QR code to read our latest report.



* Quality management ISO 9001 (since 1997), environmental management ISO 14001 (EMAS since 1998, ISO since 2001) and energy management ISO 50001 (since 2014)





Triflex - resistant and durable

The building sector has a particular responsibility towards climate protection. This is because it is proportionately the largest contributor to greenhouse gas (GHG) emissions, which are predominantly generated during the construction of buildings. Triflex liquid applied waterproofing systems protect the fabric of the building reliably and sustainably against moisture, the weather, trafficking, chemical, and other environmental influences.

Thanks to durable systems with long service lives, our high-quality solutions extend the refurbishment intervals significantly and make a positive contribution to the long-term protection of the built environment. With roofing solutions certified by BBA and ETA for 25 years service life, and waterproofing and surfacing solutions with BBA-certified service life of 15 years, we deliver long term protection and value.

Refurbishment instead of new build considerably reduces CO₂ emissions, and Triflex systems can quickly and easily be overlaid in the future, further extending their life.



We protect the climate

- We are dedicated to the efficient use of energy resources. We only purchase green power (electricity from renewable energies) with "North German Wind Energy" certification for the manufacture of our products
- Triflex systems reliably protect the fabric of the building and reduce the refurbishment cycles - refurbishment instead of new build saves unnecessary CO₂ generation
- Since 2009, Triflex has been a member of the German Sustainable Building Council (DGNB) and has been actively involved in sustainable building

We protect the health of contractors and users

- Product safety is an extremely important issue for us. We are continually working to improve our products and to minimise the use of hazardous substances. For example, we do not use any PFAS compounds in our products
- We have implemented internal processes that enable reliable tracking of product components and can identify substances assessed as unsafe for humans and the environment even before they are developed. This means that we are already in an excellent position today, even before the new legal regulations of the Green Deal and the EU Chemicals Strategy are implemented
- Triflex works exclusively in direct cooperation with specially trained contractors. This helps ensure professional and reliable handling of our products

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We conserve resources when manufacturing

- We are dedicated to minimising the generation of waste, emissions and waste water
- We develop our products in such a way that they impact the environment as little as possible during their life cycle
- To further improve the quality of our commitment to sustainability, we are assessed by the independent body, EcoVadis. This organisation regularly updates and tightens its requirements

Our supply chain complies with social and environmental standards

- By carefully selecting raw material suppliers, we assure and increase the quality of our supply chain. New partners and existing suppliers are evaluated for their sustainability performance. In addition to a supplier self-disclosure form, the external EcoVadis platform is used to gather information
- Our Code of Conduct, based on our principles and values, expresses the expectations of the Group as an employer and is mandatory when conducting business

Products for sustainable building

Flat roof refurbishment with less waste

Triflex cold liquid applied waterproofing systems are highly compatible with almost all substrates, meaning that nearly all existing substrates can be overlaid.

Rather than removing and replacing the entire build-up, our overlay systems allow for the installation of new waterproofing systems directly over the existing membrane. This approach reduces construction waste, minimises disruption to building occupants, and is more cost-effective than full roof replacement.

Thermal upgrades can also be incorporated with consideration of Building Regulations Approved Document L. The systems can also be overlaid again in the future easily extending the life of the roof with minimal future environmental impact.



Ideal for green / blue roof solutions

Heavy rain, storms, heat and drought - the prevalence of adverse climatic conditions is increasing and influencing how we shape our built environment. Green / blue roofs are making an important contribution to climate compensation. Thanks to their ability to absorb / attenuate rainwater, they can contribute to storm water management and provide a form of sustainable urban drainage system.

The new function of the roof brings with it new waterproofing requirements, which our PMMA-based solutions are already meeting today.

The Triflex ProTect system provides seamless, homogenous waterproofing which is hydrolysis resistant, (meaning it will not break down under water) ensuring lasting structural protection as part of a green / blue roof build-up. Triflex roofing systems are root and rhizome resistant in accordance with FLL as well as being biocide-free.

Walkways, balcony, and terrace refurbishment efficiency

Triflex cold liquid applied waterproofing systems provide exceptional waterproofing while minimising disruption to building occupants. Ultra-rapid curing, isocyanate and solvent free, and available in a range of colours and finishes, our overlay solutions enable fast and efficient refurbishment.

Designed for durability, they offer excellent point load resistance and crack bridging, ensuring long-term protection. Highly compatible with asphalt and many other substrates, Triflex solutions allow for the refurbishment of walkways, footbridges, external stairs, and balconies without the need for wasteful strip-outs, making them a sustainable and effective choice.



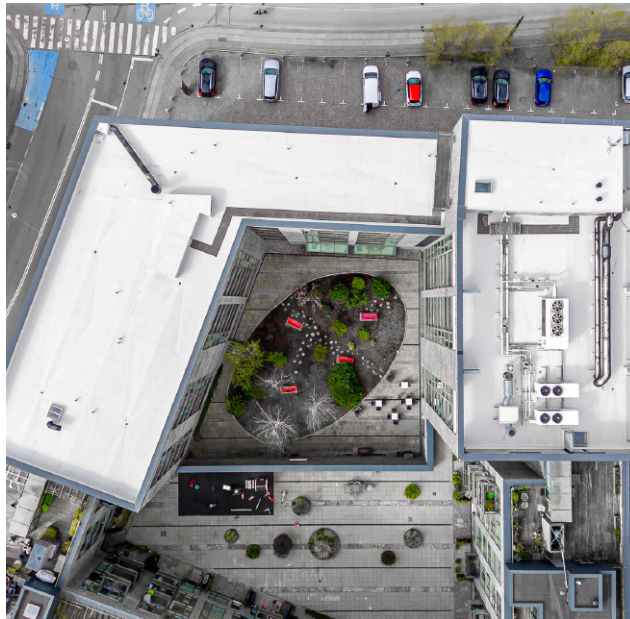
Multi-storey car park refurbishment with reduced environmental impact

Triflex rapid curing, cold liquid applied waterproofing, surfacing and protection systems offer proven durability for lasting peace of mind. They minimise the project duration contributing to a more sustainable project, and with no hot works, energy use is reduced.

Combining outstanding waterproofing, chemical resistance and dynamic crack bridging (where required), they deliver long term structural protection. Our Triflex ProPark system for example has a BBA certified service life in excess of 15 years.

Our cold liquid applied PMMA systems offer exceptional compatibility. They can be applied not only to concrete but also directly onto existing asphalt - **over 2 million m² has been overlaid in the UK** - and even steel decks. Unlike conventional methods that require removing existing coatings from concrete (which reduces vital concrete cover and generates landfill waste), Triflex systems can often be applied as an overlay. This approach preserves concrete integrity, minimises disruption, lowers costs, and reduces environmental impact.

At the end of their initial service life, Triflex car park systems can be simply refreshed through overlay.



Triflex PMMA waterproofing resins:

- Are free from solvents as per Directive 2004/42/EC (Decopaint Directive)
- Are free from lead, cadmium and tin stabilisers
- Are free from halogens
- Are free from formaldehyde
- Are free from phthalate plasticisers
- Are free from blowing agents
- Typical VOC content, based on SCAQMD method 304-91 $\leq 1.0\%$
- Typical SVHC content (substances of very high concern) $\leq 0.1\%$
- Do not contain any substance regarded as persistent, bioaccumulative or toxic (PBT)

For Triflex Sustainability Data Sheets, scan the QR code:

