

Triflex

Delivering solutions together.

Heatable surfaces with Triflex HeatTec

Ice-free paths and driveways.



PARKING DECKS | UNDERGROUND CAR PARKS



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Ice-free paths and driveways.

Safely through the cold season



High-traffic areas and squares which are exposed to the weather are some of the traffic areas on which particularly high demands are placed in terms of reliability and safety – 24 hours a day, all year round. Especially in the cold winter months, these areas are often exposed to extreme external influences: snow, freezing rain or hail can turn squares, roads and paths into dangerous skid zones within seconds. In such cases, immediate action is necessary, as the safety of pedestrians and vehicles takes top priority.

Triflex has now developed a coordinated solution that protects ramps, spiral ramps, entrances and exits, roads and paths against the effects of weather, making them safe for vehicles and pedestrians. Thanks to the combination of Triflex liquid applied waterproofing and Triflex HeatTec heating laminates, surfaces are uniformly heated and given long-term protection against damage and moisture. The result is ice-free and, ultimately, safe paths and driveways.



Sensor

The advantages of heatable surfaces:

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- Minimised risk of accidents for vehicles and pedestrians
- No surface damage from grit or sand, as snow clearance and gritting services are no longer required
- No frost damage to the substrate
- The “ban on de-icing salts” applicable in many councils is not relevant
- Extra convenience for users and owners

Areas of application:

- Ramps, spiral ramps, entrance and exit areas
- Loading ramps
- Pedestrian crossings
- Escape routes
- Outdoor steps, terraces and footpaths
- Helicopter landing pads

Ice-free paths and driveways.



The advantages at a glance

Thin-layer system build-ups

The entire system structure including the surface protection system has a build-up height of approx. 10 mm, making it suitable for use at the prescribed construction heights without any problems.

Energy saving

The near-surface heating level optimises the heating picture and heating times, while significantly reducing energy consumption and costs compared to conventional systems. Power consumption is kept to a minimum thanks to the uniform heat distribution and the near-surface monitoring of SETPOINT/ACTUAL temperature values.

Long-lasting protection

The Triflex ProPark system withstands high mechanical loads, which extends refurbishment intervals by several years. Maintenance costs are significantly reduced. The surfacing solution Triflex Cryl M 264 meets the strictest requirements of the German Federal Highway Research Institute (BASt) – Traffic Class P7 to DIN EN 13197. This classification is based on a wear test of 4 million cycles.

Certified safety

Triflex ProPark has obtained a Class OS 10 General Building Supervisory Authority Test Certificate (abP) in accordance with the Building Regulations List A, Part 2, No. 2.24. The heating laminates are approved by TÜV Rheinland.

System-integrated detail solutions

The cured resin forms a seamless and joint-free surface. Complex details and joints are waterproofed and fleece-reinforced, while the heating laminates which are supplied with power have long-term protection against moisture.

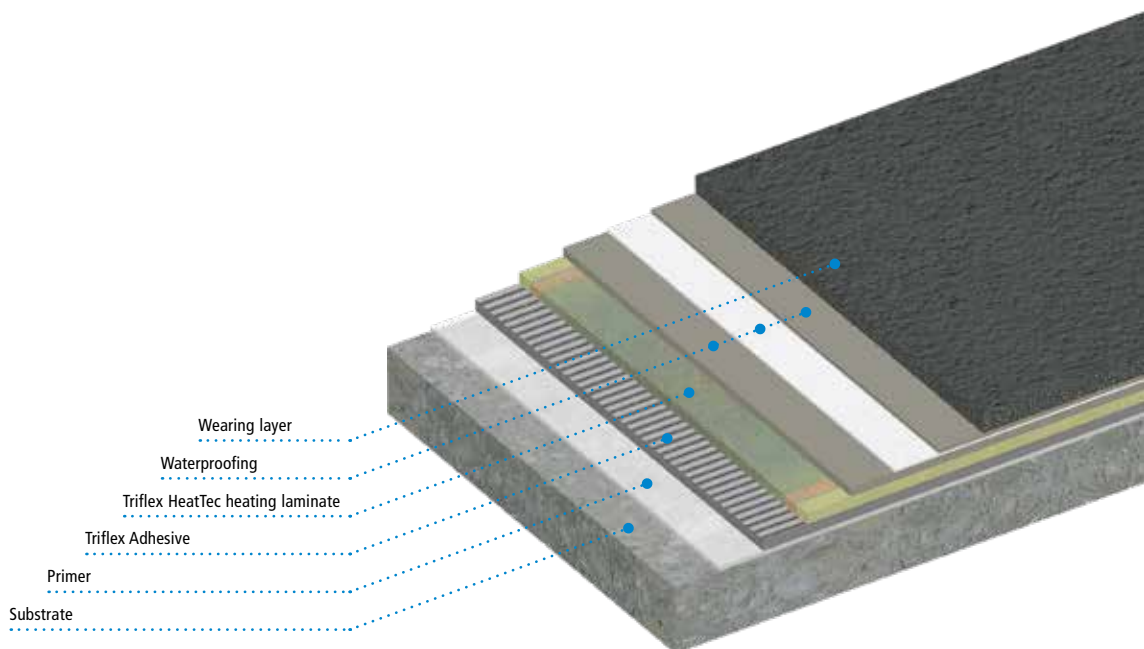
Design

The surfacing solution is available in a range of colours. This improves traffic safety and facilitates recognition and orientation among car park users.

High economic efficiency

The automatic sensor regulation not only reduces energy consumption, but also reduces material and personnel costs as it reacts exclusively to the reference temperature of the road surface. If the temperature of the sensor falls below the set "frost-critical" temperature threshold, the moisture meter is activated. If the presence of moisture is detected, the heating system switches on automatically.

Triflex ProPark version 2 with HeatTec heating laminate



Waterproofing systems in practice



International

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