



apex

At the peak of performance.

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apex

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NO EXCEPTIONS



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Heavy-duty level crossing system

apex is based on strail level crossing panels and features the specially structured **duragrip** polymer surface, developed for particularly high mechanical loads.

Typical applications include port and industrial sites, as well as track crossings with tight curves or turning loops, where heavy commercial vehicles generate high torsional and shear forces.

The new level crossing system combines high structural load-bearing capacity with consistently strong grip, making it particularly suitable for busy level crossings.



For port facilities, industrial sites and tight curves

apex plays to its strengths wherever heavy commercial vehicles frequently cross, steer or turn on level crossings.

Especially at heavily loaded junctions in ports, industrial areas and at tight track curves and turning loops, the system's resilient surface reduces the impact of high mechanical stress.

The combination of increased stiffness and consistently high grip supports reliable operation even under intensive heavy traffic.

Low-maintenance, winter-ready and available in colour

The optimised surface texture of **apex** makes it harder for dirt and residue to adhere, making it easier to clean the level crossing.

The **duragrip** polymer surface also offers advantages during winter snow-clearing: when snow ploughs are used, it proves resistant to scraping and does not tend to tear. The proven handling of the level crossing panels is retained.

For design or operational requirements, apex can also be supplied in a single colour in **standard RAL shades**.

High grip, even under continuous loading

The special **duragrip** polymer surface increases the structural stiffness of the level crossing panel and, at the same time, provides a highly grippy running surface. With an SRT value of over 80, **apex** achieves high skid resistance that remains at a consistently high level even after more than 3,5 million vehicle passes.

This means the system is designed for intensive traffic loads, where steering and turning heavy vehicles transmit particularly high forces into the panels.

Advantages

- SRT value of over 80
- High grip even under intensive continuous loading
- Designed for high torsional and shear forces
- Particularly suitable for heavy-duty and industrial traffic
- Robust, structured polymer surface

