



BODAN



GMUNDNER
FERTIGTEILE

LEVEL
CROSSING
SYSTEMS

SOLID ADVANCED
INFRASTRUCTURE

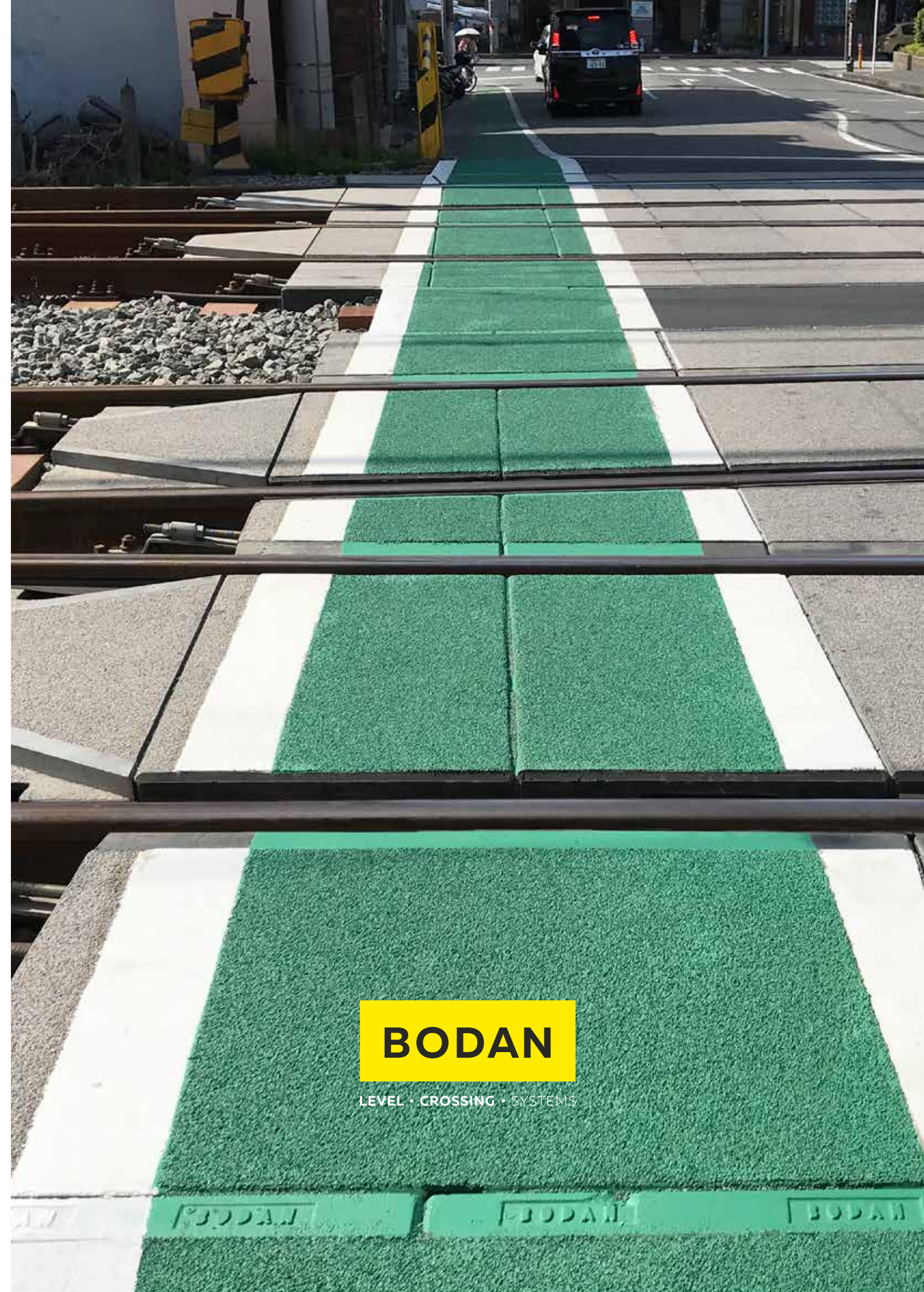


BODAN
THE PERFECT
CONNECTION
BETWEEN
RAIL AND ROAD

SUITABLE FOR ALL RAIL SHAPES

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- Elastic support of the panels
- Rubber profiles adapted for all rail shapes
- Perfectly adapted for different traffic systems
- Customized to country-specific requirements



SOLID
ADVANCED
INFRASTRUCTURE

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EXCEPTIONAL BODAN FUNCTIONALITY

- Patented bridge construction
- high skid resistance
- Ventilated tracks
- Extremely resistant to water, frost, de-icing salt and chemicals
- Corrosion protection
- Enormous compressive and bending tensile strength
- Safety in the operational state



EXTREMELY **ECONOMICAL**

OUTSTANDINGLY
LOW LIFE CYCLE COST
(LCC)

- Very long durability
- Very low maintenance costs
- Easy to install and remove
- Simply to extend





FROM PEDESTRIAN CROSSING TO HEAVY TRAFFIC

THE BEST SOLUTION FOR ...

- Single and multi-track level crossings
- Level crossings with Y-shaped sleepers
- Level crossings in turn-out sections
- Track access points for maintenance vehicles

BODAN

LEVEL · CROSSING · SYSTEMS



U-BODAN FOR PEDESTRIAN & SERVICE CROSSINGS

QUICK & EASY
INSTALLATION BY HAND

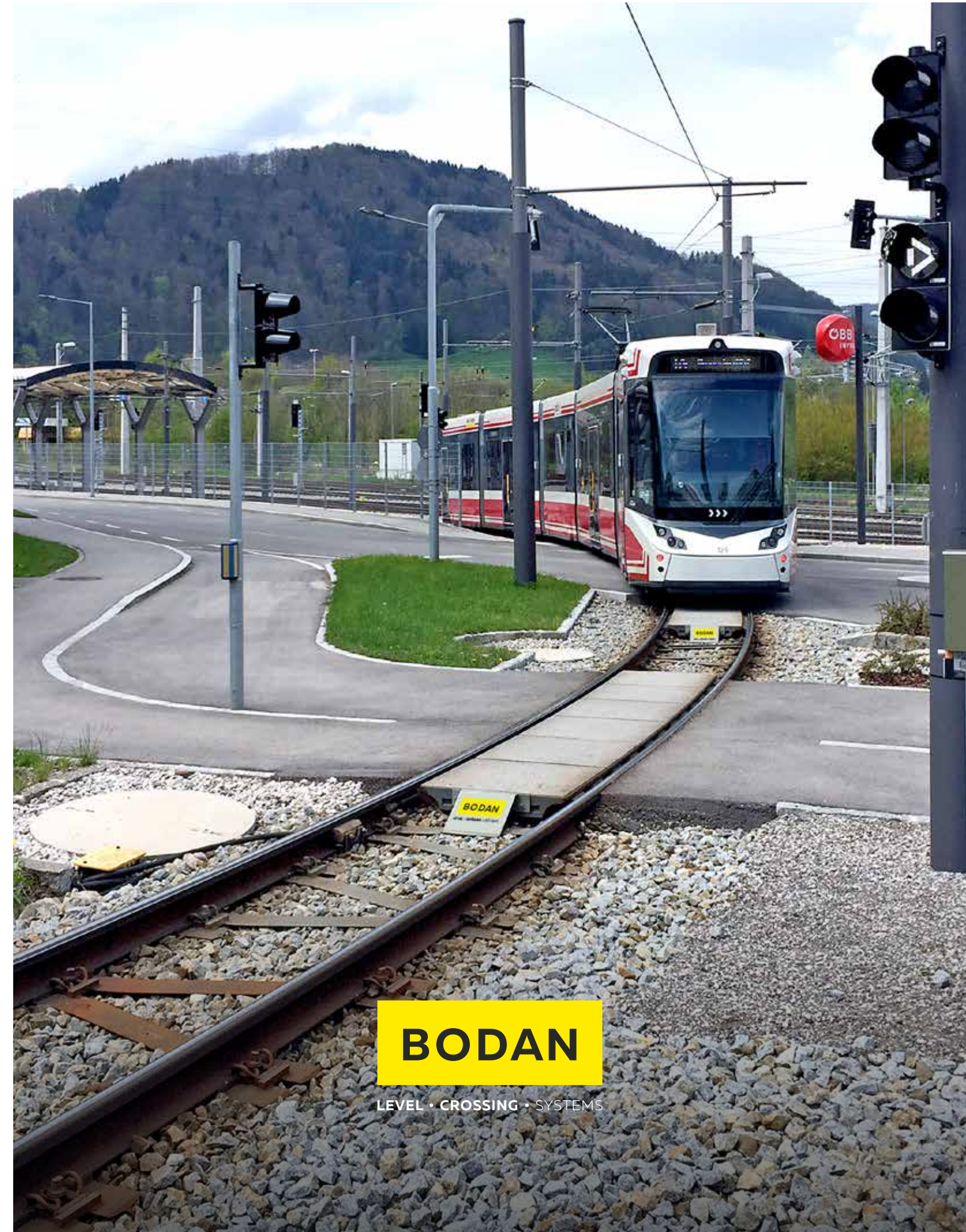
- For railways, underground and trams
- For service crossings and escape routes
- In areas such as depots, workshops and marshalling yards



PERFECT FOR **TRAMWAYS** AND **UNDERGROUND RAILWAYS**

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- Suitable for all superstructures
- Y-BODAN panels for Y-shaped sleepers
- LeBODAN panels for grooved rails
- Increased safety for pedestrian, bicycle and road crossings



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LEVEL · CROSSING · SYSTEMS



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BODAN FLANGE WAY COVER

- Eliminates tripping hazards and open gaps
- Minimizes the chance of accidents for pedestrians, children, people with physical disabilities, wheelchair users and cyclists
- Easy to cross with rollators and wheeled suitcases
- Can also be used on curved or superelevated tracks
- Approved for train speeds of up to 120 km/h





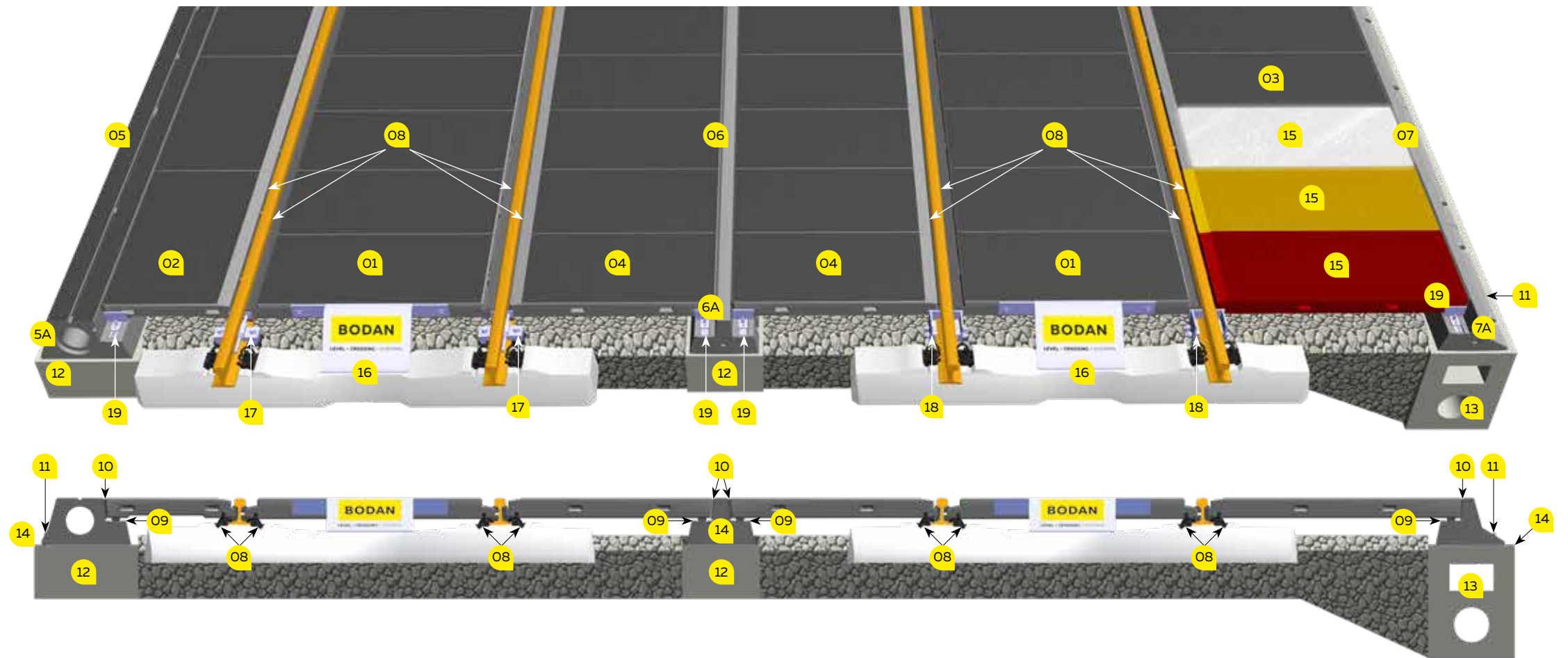
BO-TRACK

FOR INDUSTRY & HEAVY TRAFFIC

- Extremely robust and resistant
- High skid resistance
- Maintenance-free rail fastening, Edilon Corkelast ERS®
- Galvanized edge protection brackets
- Installation in track curve through polygonal formwork and adaption of rail channel (optional)



TRACK COVERING FOR MULTI-TRACK LEVEL CROSSINGS



INNOVATIONS THAT OFFER FLEXIBILITY, ROBUSTNESS AND SAFETY FOR THE FUTURE.

BODAN-ADVANCED

BODAN SPECIAL PANELS

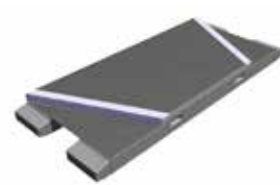
For maximum flexibility of the railway operator and easy implementation of maintenance and repair work. External panels with special dimensions 950 x 1200 mm and 1650 x 600 mm and application-related special solutions



CZ 1: EXTERNAL PANEL
AP 950 / 1200
Dimensions 950 x 1200 mm
Weight approx. 320 kg



CZ 2: EXTERNAL PANEL
AP 1650 / 600
Dimensions 1650 x 600 mm
Weight approx. 280 kg



JAPANESE END PANEL
JEP
Dimensions 1077 x 600 mm
Weight approx. 160 kg

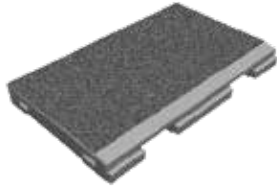


CUSTOMIZED PANEL (Spurflugplatte)
IP 1013 / 600
Dimensions 1013 x 600 mm
Weight approx. 115 kg

BODAN STANDARD PLATES



BODAN INTERNAL PANEL
IP 1448 / 600
Dimensions 1448 x 600 mm
Weight approx. 245 kg



BODAN EXTERNAL PANEL
SHORT AP 750 / 1200
Dimensions 750 x 1200 mm
Weight approx. 224 kg



BODAN EXTERNAL PANEL
LONG AP 1470 / 600
Dimensions 1470 x 600 mm
Weight approx. 249 kg

BODAN INNOVATIONS

- BODAN sleeper spacing:
600 mm, special dimensions upon request
- Different coloured surfaces
- Reflective materials
- Adapted to the surface structure
- Manufactured according to customer specifications

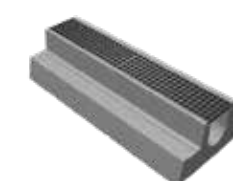


BODAN EDGE BEAMS FOR DRAINAGE



BODAN S-BORD

- Edge beam with integrated slit drainage gutter
- Prevents soiling of the track ballast and moisture penetration of the track bed
- Resistant to frost and de-icing salt
- High slip resistance thanks to the rough grain surface
- Made of polymer concrete



BODAN RI-BORD

- Edge beam with drainage channel for surface water from the connected road sections
- Prevents soiling of the ballast bed and moisture penetration of the subsoil
- Made of polymer concrete



BODAN DRAIN-BLOCK

- Drainage element for efficient track drainage
- Integrated cable duct prevents moisture penetration of the substrate
- Foundation for all edge beams

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WE OFFER SOLUTIONS

Gmundner Fertigteile Ges.m.b.H. & Co KG
A-4694 Ohlsdorf, Unterthalhamstraße 1
+43 (0)7612 63065 -0, office@gmundner-ft.at
www.gmundner-ft.at, www.bodan.at



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www.gmundner-ft.at/partner



JAPAN



NORWAY



TUNISIA



MALAYSIA

PLATFORM SYSTEM

- Quick installation thanks to pre-production
- On-site installation of platform elements in several stages
- No different settlements compared to platform edges and concrete block surfaces
- A maximum individual weight of the components (approx. 4 tons) makes installation possible with a two-way excavator
- Guide systems for the blind and grooves can be integrated upon customer request
- Installation possible during operation



TECHNICAL BUILDINGS

OUTSTANDING FEATURES

- Individual planning and production
- Project-related openings and door arrangements
- Surface design
- Also available with a sloped roof, double floor and air conditioning
- Fully pre-fabricated in our factory
- Assembly on site in the shortest possible time

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WE OFFER **SOLUTIONS**



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SAFETY & PROTECTION MADE OF REINFORCED CONCRETE

APPLICATIONS

- Transformer stations (energy suppliers)
- Switching stations (radio and security monitoring)
- Technical buildings
- Gas reducing stations
- Gas boxes (gas bottle storage)
- Pumping stations
- Bus stops and public toilets

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ADVANTAGES

- Custom planned and manufactured
- Durable reinforced concrete design
- Based on customer specifications, pre-made cable ducts and outlets
- Optionally with a double floor, cellar and technical equipment



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TECHNICAL BUILDINGS
CUSTOMIZED