

**MULTI-STOREY CAR PARK
DRAINAGE CHANNEL PG EVO**

**THE ORIGINAL -
REDEFINED**



MULTI-STOREY CAR PARK DRAINAGE CHANNEL PG EVO

LIGHT, ECONOMICAL, SAFE





**MULTI-STOREY CAR PARK
DRAINAGE CHANNEL PG EVO**
CUSTOM COLOURS
EXCEPTIONALLY STABLE
EXTREMELY DURABLE

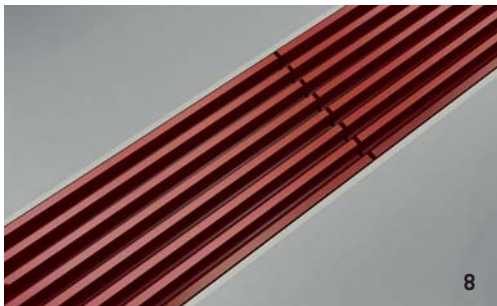
Benefits at a glance

- ✓ Fully fledged system solution
- ✓ Custom colour options
- ✓ Low noise level
- ✓ Easy to install
- ✓ Glass-fibre-reinforced composite
- ✓ Corrosion-free
- ✓ Easy to clean
- ✓ Total height 30 mm
- ✓ Absolutely tight
- ✓ Barrier-free



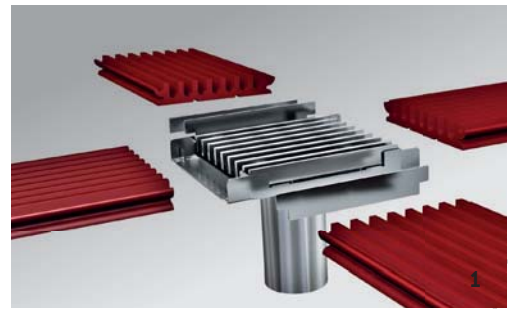
Barrier-free

- ✓ Full wheelchair accessibility thanks to the maximum slot width of 16 mm
- ✓ Same height as the surrounding surface



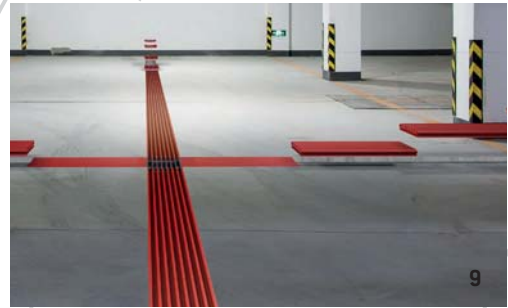
Absolutely tight

- ✓ With sealing flange for OS floor coating or mastic asphalt
- ✓ Standard-compliant (EN 1433) because the joint can be accessed easily for inspection
- ✓ Optimal sealability because the joint is also freely accessible from above after installation



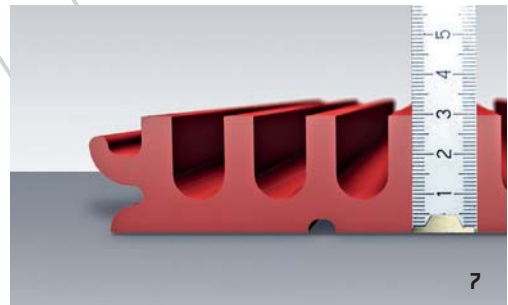
Fully fledged system solution

- ✓ Architecturally demanding solution for draining multi-storey car parks and underground garages
- ✓ Extensive array of accessories: intersection elements, end caps and floor gully made from stainless steel



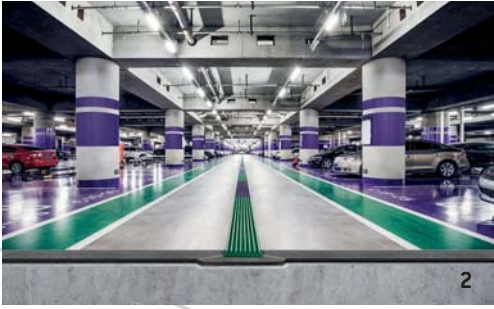
Easy to install

- ✓ Low total height enables narrower cavities in the floor
- ✓ Also suitable for refurbished buildings because the flat design is independent of the system previously installed
- ✓ Lengths of up to 3 metres mean fewer edges
- ✓ Aesthetically pleasing solution



Total height 30 mm

- ✓ Suitable for floor structures with screed concrete or single/multi-layer mastic asphalt
- ✓ No impact on reinforcement or statics
- ✓ Flatter floor structures possible
- ✓ Easier and quicker installation of the reinforcement
- ✓ Optimal rehabilitation solution
- ✓ Ideal for rehabilitating ditched channels



Custom colour options on request

- ✓ Free choice of colours if the total length ordered exceeds 1,000 m
- ✓ Optimal integration in traffic management systems



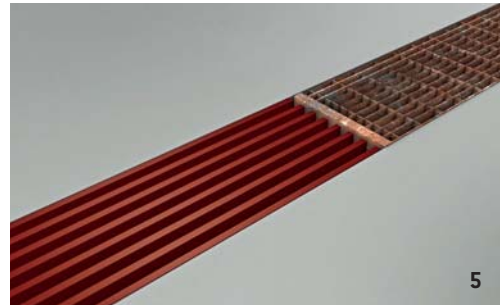
Low noise level

- ✓ Low noise level because there are no moving parts in the entire PG EVO system
- ✓ No complaints from residents due to gratings rattling when driven over



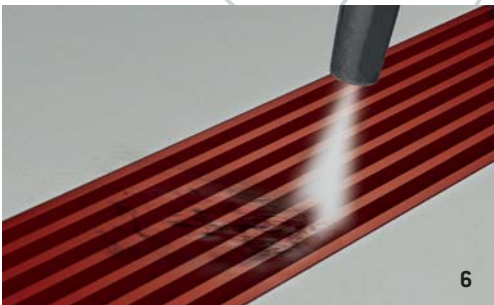
Glass-fibre-reinforced composite

- ✓ Sealable, resistant to de-icing salt and chemicals, suitable for all loading classes up to F 900
- ✓ Non-wearing and weatherproof
- ✓ High lateral compressive strength
- ✓ Mirror-smooth surface
- ✓ Similar linear expansion to reinforced concrete
- ✓ Capillary-free material



Corrosion-free

- ✓ Resistant to salt, oil and petrol
- ✓ Drainage channel body is completely monolithic and made from glass-fibre-reinforced composite, therefore no rust-prone metal parts
- ✓ Durable aesthetic appeal thanks to the robust, non-rusting material

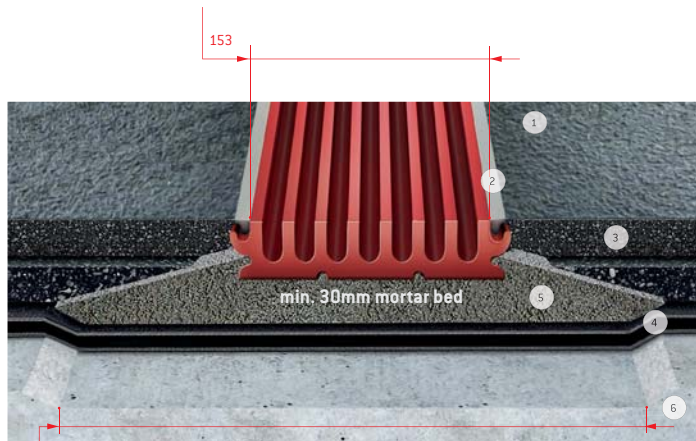


Easy to clean

- ✓ Visual inspection for soiling suffices because there are no complicated gratings to remove
- ✓ Easy cleaning thanks to the free drainage channel cross section with no gratings or cross bars
- ✓ Freely accessible from above

INSTALLATION IN FLOORS WITH MASTIC ASPHALT AND 2ND SEALING LAYER

20 mm concrete depression as a design measure for absorbing lateral shear forces

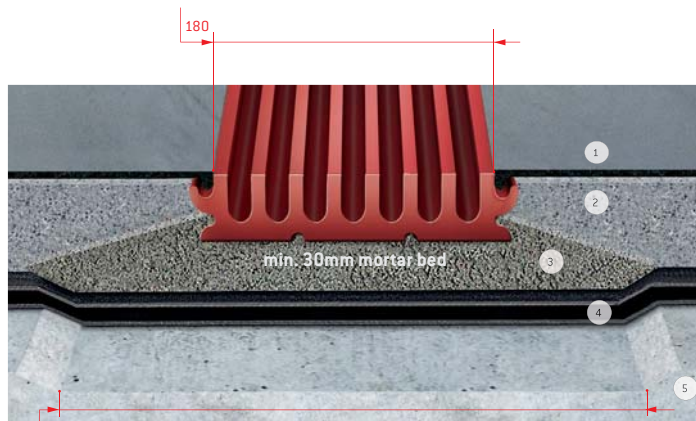


Width of opening = \varnothing of sealing flange for floor duct + 5 cm

- ① Adjacent surface: 3 mm higher than the upper edge of the drainage channel
- ② Edge joint with elastic backfill
- ③ 5 to 6 cm mastic asphalt, double-layer, non-shrinking
- ④ 1 cm bitumen sheeting, double-layer
- ⑤ Drainage mortar, quality equivalent to C20/25
- ⑥ Reinforced concrete floor

INSTALLATION IN FLOORS WITH OS FLOOR COATING AND 2ND SEALING LAYER

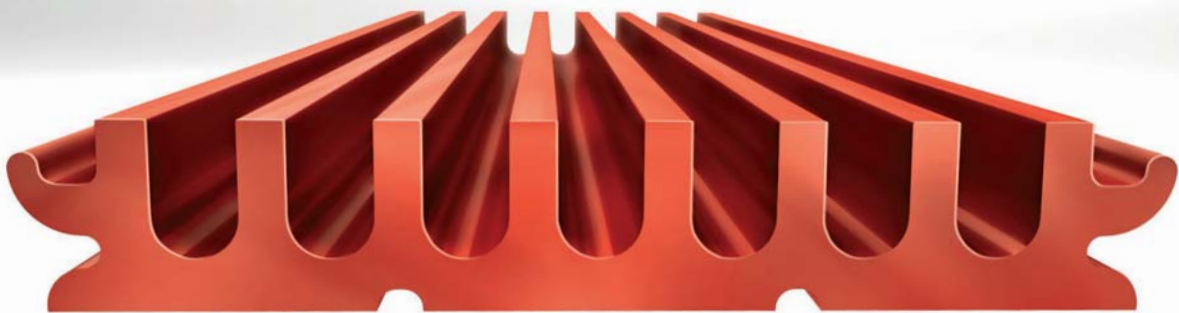
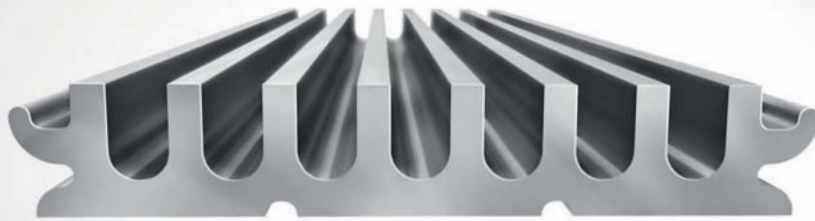
20 mm concrete depression as a design measure for absorbing lateral shear forces



Width of opening = \varnothing of sealing flange for floor duct + 5 cm

- ① OS floor coating
- ② Screed
- ③ Drainage mortar, quality equivalent to C20/25
- ④ 1 cm bitumen sheeting, double-layer
- ⑤ Reinforced concrete floor

CUSTOM COLOURS



MULTI-STOREY CAR PARK DRAINAGE CHANNEL PG EVO – Typical colours



BUILDING SUCCESS

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