



TRAM GREEN TRACK
WITH NOISE ABSORBER AND
WATER RETENTION FUNCTION

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BRENS APPLICATIONS

FLEXIBLE RAILWAY STRUCTURE



BRENS® system for the healthy cities, urban settings and noise pollution with green track made from STERED® brand synthetic recycled material.

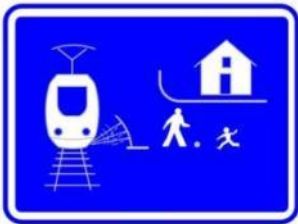


GREEN WITH OPTIONS

- NATURAL GRASS
- STONECROP SEDUM
- ARTIFICIAL TURF



EMERGENCY VEHICLE ENABLED IN NORMAL CONDITIONS, RAIN, SNOW, AND FLOODED TRACK



100% recycled materials in BRENS® - STERED®
from automotive textile waste (new production &
disposal of old).



CIRCULAR ECONOMY AND UPCYCLING

100 M TWO TRAM TRACK:

- 16 500 KG SYNTHETIC RECYCLED MATERIAL
FROM THE MANUFACTURING OF 5555 NEW PERSONS;
- 27 450 KG RECYCLED RUBBER
FROM LIQUIDATION OF 3 920 OLD TIRES



WATER RETENTION

100 M TWO TRAM TRACK: UP TO 39 500 LITERS WATER RETAINED/YEAR

TECHNICAL SPECIFICATIONS

- Maximum water retention for extended period enabling effective storm water management at the source of the green track
- Dampening of noise and vibrations from the rail web plates using water-permeable rubber side rail blocks (up to 6 dB),
- High noise absorption of the STERED base, made of synthetic recycled material (up to 14 dB),
- Simple and modular system, with straightforward installation and removal process without extensive agricultural-building operations and subsequent remediation of green track
- Flexible design systems adaptable to conventional rails systems with gravel ballast or fixed railway structures as well as various rail types
- Maximum possible utilisation of recycled materials with the option of further recycling at end of life
- Reduced carbon footprint in the production of individual components
- Surface with naturally cultivated grass mats and controlled irrigation or with extensive mixed grasses
- Surface with xerophyllous flowering stonecrop/SEDUM with low maintenance requirements
- Emergency vehicle enabled
- The system can be used on lines with a speed limit of up to 160 km/h.



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