

#EUROGRATE

GRATINGS



FRP EUROGRATE®
GRATINGS AND
STRUCTURES FOR
RAILWAY
APPLICATIONS



COMPANY WITH
QUALITY SYSTEM
CERTIFIED BY DNV
= ISO 9001 =

FRP EUROGRATE® GRATINGS AND STRUCTURES FOR RAILWAY APPLICATIONS

EUROGRATE® GRATINGS ARE MANUFACTURED WITH AN EXCLUSIVE TEKNOTEX PROCESS

Conforms to
DIN 24537-3 norm !
European quality
guaranteed !



FENCING SYSTEMS

In addition to the typical benefits of FRP (such as corrosion resistance, lightweight and easy installation), EUROGRATE® fencing systems grant a total electrical insulation (no grounding required) as well as being totally interference-free to radar or radio-waves transmissions.





With more than 35 years experience and thanks to the exclusive fabrication technology called Teknotex, Eurograte® boasts an undisputed leadership in the European market.

Eurograte® molded gratings stand out from all the other FRP products present on the market for the following features:

- a special and unique worldwide molding technology assuring constant top quality and high mechanical properties;
- use of top quality raw materials coming from EC suppliers, granting the use of total toxic-free components;
- eco-friendly manufacturing process;
- a production facility entirely made in respect to the most restrictive health and safety rules.

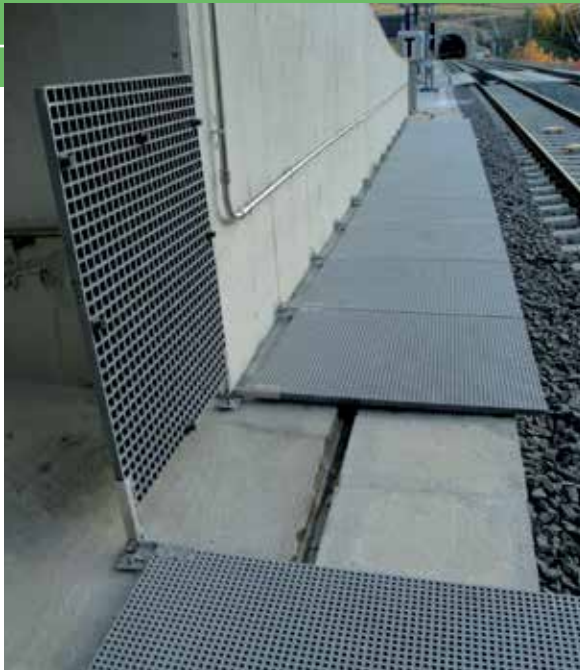


EUROGRATE® GRATINGS ARE IN COMPLIANCE WITH THE FOLLOWING NORMS:

- **DIN 24537-3** – applied on gratings to be used for anti-slip flooring installations including:
 - EN ISO 14122-2 - walkways and working platforms
- **DIN 51130:2014** - anti-slip classification R13-V10
- **ASTM D4060-10 10 Taber Test** - abrasion resistance properties
- **UNI CEI 11170-3** - Level of Risk up to LR4 including:
 - UNI 8457:2010 / UNI9174:2010 / UNI9176:2010 / UNI9177:2008 - fire resistance properties
 - NF X 10-702.2:1994 / NF X 10-702-1:1995 - smoke opacity in no renewed atmosphere
 - NF F 16-101:1988 - fire behaviour
- **EN13501-1:2007** - Bfl-S1 - classification of fire behaviour including:
 - EN ISO 9239-1 - fire reaction
 - EN ISO 11925-2 - flammability of products subject to direct contact with flame
- **AFNOR NFP 92501** - M1 fire reaction classification
- **NF F 16-101:1988** - F1 smoke index determination
- **EBA (Eisenbah-Bundesamt)** - approval for railway applications
- **UNI EN ISO 9142:2004** - no weathering
- **UNI ISO 9227** - no property variations in corrosive artificial environment

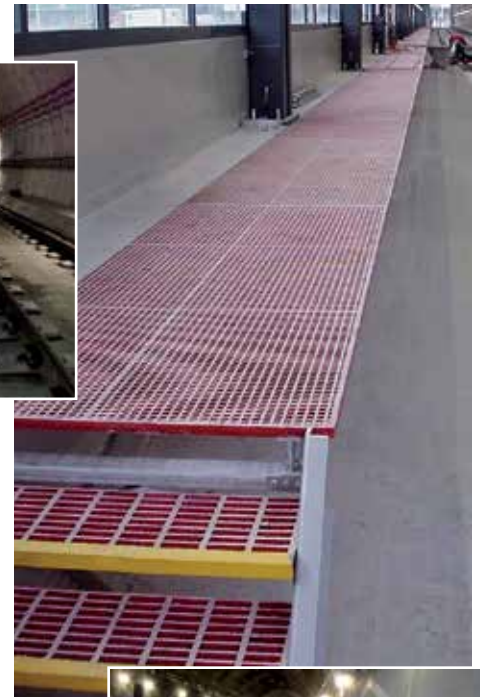
APPROVALS





SERVICE WALKWAYS AND ESCAPE ROUTES

Platforms and access walkways used by maintenance personnel working in the railway areas are completely realized using FRP products in order to assure a complete electrical insulation and avoid any interference with electric lines.



FILLING STATIONS

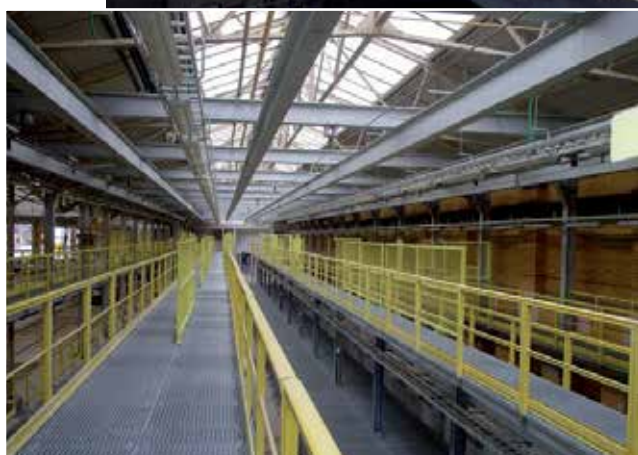


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REPAIR AND MAINTENANCE WORKSHOPS

Thanks to the excellent antiskid properties of EUROGRATE® FRP gratings and stair treads, the working platforms and the access areas grant total anti-slip safety even in case of grease, oil, snow and ice.



GUARDRAILS AND SAFETY BARRIERS

EUROGRATE® FRP guardrails and safety barriers, besides bringing an economical saving with low transportation and installation costs, are long-lasting and maintenance free.

Eurograte® is a registered mark and manufactured by:
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