



Efficient root protection in railway construction: Plantex® RootProtector pushes the boundaries.

Root protection is more than just a technical necessity; it is crucial to the long-term stability and functionality of railway systems. With DuPont™ Plantex® RootProtector, a product is now available that fully meets the requirements of modern railway structures, both horizontal and vertical.

Water-permeable root barrier

There are specific requirements for the materials used in the construction of railings. These relate not only to mechanical strength, but also to functionality in terms of water management and pressure resistance. HDPE material had to be perforated every 40 to 50 cm to ensure water drainage – a time-consuming process that left potential weak points in the system.

Future-oriented solution

DuPont™ Plantex® RootProtector offers a groundbreaking solution here: the high-quality nonwoven combines the advantages of HDPE with those of modern, water-permeable material. It is lightweight, flexible yet extremely robust, making it ideal for use in sensitive areas such as railway tracks.

Laid horizontally or used vertically as a barrier, the RootProtector can be installed quickly and efficiently. It not only saves time during installation but also significantly reduces the risk of damage to the railway tracks.

Location:
Zwickau, DE

Start:
2024

Product:
Dupont™ Plantex®
RootProtector

During installation



After installation



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