



terapro[®] NAP

Our solutions on engineering structures



roads,
railways,
roadbeds
p.13

Our specifications

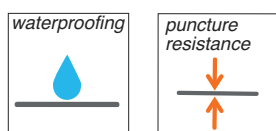


▲ roads,
railways,
roadbeds
p.87

single-piece root-prevention waterproof geocomposite

terapro[®] NAP is used

under pavements, roadbeds and railways, for protection of groundwater against traffic pollution, and for protection of the pavement material against fines from the supporting soil (pumping).



Advantages

- terapro[®] NAP is economical, and easy and quick to install,
- the layers joined together at manufacturing in the factory eliminate the need for successive laying of geotextiles and geomembranes, and do not slip relative to one another,
- flexible, waterproof and continuous, terapro adapts to the substrate without cracking,
- terapro[®] NAP protects the subsoil and groundwater from pollution due to traffic,
- terapro[®] NAP protects the pavement material against fines from the supporting soil (pumping),
- joints are treated by welding for a perfect join,
- the gamme terapro[®] range is broad, allowing you to find the appropriate product for your needs.

Detailed description

terapro[®] NAP consists of needle-punched, nonwoven polypropylene puncture-resistant protective geotextiles of 500 g/m² mass per unit area, joined in factory by a hot-melt process to a waterproof polyethylene sheet.

Assembly of the waterproof polyethylene sheet should be feasible by hot air gun and with an automatic machine.

The dynamic puncture resistance in accordance with ISO 13433 must be less than 0 mm, and the static puncture resistance greater than 7 kN.

Installation technique

- prepare a clean, graded, compacted and drained earthworks base, with no projecting elements,
- unroll terapro[®] NAP on the ground with a shaft and a machine, or by hand, or use a lifting beam,
- adjust the fit to the earthworks profile, cut out by cutter if necessary, hold in position with small heaps of ballasting materials before backfilling, and smooth the materials with a levelling bucket,
- treat tiling joints by thermal bonding with a hot air gun,
- please contact teragéos for any installation advice or technical assistance for bonding.

Packaging

- terapro[®] NAP is available in widths of and 50 m lengths; other sizes on request