



# terapro® stopracine

Our solutions  
on engineering  
structures



building  
p.41



sports ground  
p.32

Our specifications



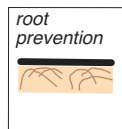
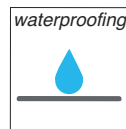
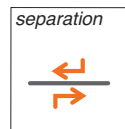
building  
p.111

sports ground  
p.103

## single-piece root-prevention geocomposite

### terapro® stopracine is used

- under bicycle paths, pedestrian lanes, play areas, light pavements and forest paths
- in reservoirs to protect porous geomembranes from piercing by plants.



### Advantages

- **terapro® stopracine** is economical, and easy and quick to install,
- flexible, waterproof and continuous, **terapro® stopracine** stops roots from passing through toward surfacing courses so as to maintain the good trafficability of light road systems,
- 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 during backfilling,
- joints are treated by welding for a perfect join,
- the **terapro®** range is broad, allowing you to find the appropriate product for your needs.

### Detailed description

The product consists of needle-punched, nonwoven polypropylene puncture-resistant protective geotextiles of 300 g/m<sup>2</sup> 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 1 mm, and the static puncture resistance greater than 3.6 kN.

### Installation technique

- prepare a clean, graded, compacted and drained earthworks base, with no projecting elements,
- prepare a layout drawing to limit joining and cutting out,
- unroll **terapro® stopracine** 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, peg **terapro® stopracine** with concrete reinforcing bars on the edges of the area to hold it in position during materials backfilling, and compact the materials,

- treat polyethylene-sheet tiling joints by thermal bonding with a hot air gun,

- please contact **teragéos** for any installation advice or technical assistance for bonding.

### Packaging

- **terapro® stopracine** is available in widths of 1, 2 and 4 m, and 50 m lengths; other sizes on request.