



Tektoseal® Sand PR 10.000

For landfill bottom linings

Landfill bottom lining

Tektoseal Sand PR 10.000

Tektoseal Sand is a three-layer geocomposite with encapsulated quartz sand that can be used as a combined protective layer system for the bottom linings of landfill sites. Combining nonwovens certified by BAM (German Federal Institute for Materials Research and Testing) and a centrally arranged sand content of 10,000 g/m², Tektoseal Sand offers proven long-term protection for polymer liners in a landfill environment. In addition to its excellent protective performance, this hybrid solution exhibits outstanding frictional properties in slope areas and can offer cost effective installation.



Structure of bottom lining

HaTe separating nonwoven

Drainage layer

Fortrac (reinforcement grid for steep slopes)

Tektoseal Sand PR 10.000 (protective layer system)

Polymer membrane

Tektoseal Clay / NaBento (substitute for mineral components)

Mineral liner

Protective layer system structure

Top layer

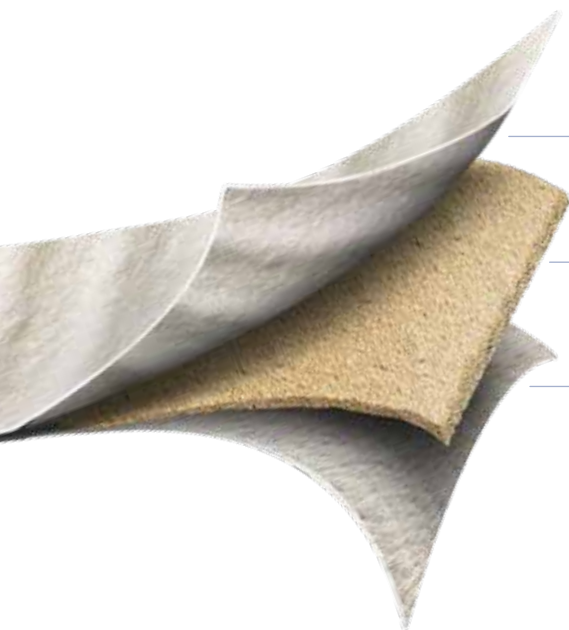
Nonwoven content 400 g/m², with BAM approval

Middle layer

Sand content 10,000 g/m²

Bottom layer

Nonwoven content 800 g/m², with BAM approval



Tektoseal Sand PR 10.000	
Function	Protective layer system
Landfill load	Up to 600 kN/m ²
Roll width	≥ 5.0 m

We will be pleased to advise you.