

Secutex[®] Green

The biodegradable nonwoven geotextile



NAUE GreenLine

NAUE is green. We have been thinking and acting green for more than 50 years. In the development, production and application of our products we always keep the environment in mind. We are now taking the next logical step with the NAUE GreenLine. A biodegradable product line.



SUSTAINABLE

Reduced transport emissions and an improved CO₂ balance.



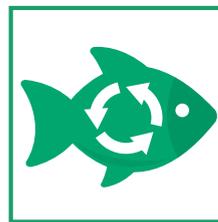
BIODEGRADABLE

Certified degradability both in industrial and home composting as well as under suitable conditions in the environment.



RENEWABLE RAW MATERIALS

Use of exclusively organic, natural and renewable raw materials.



METABOLISABLE

Processing of the organic nonwoven geotextile by soil organisms, microorganisms and fungi.

Secutex® Green

Secutex® Green is a biodegradable nonwoven geotextile. Due to the controlled production process of the fibres and the nonwoven geotextile, we ensure a constant quality.

The robustness can be adapted to your individual requirements. The German geotextile robustness class (GRK) characterises the resistance against mechanical stresses during installation and construction. Select the GRK that suits your project. Secutex® Green is available in the robustness classes GRK 2 (low) to GRK 5 (high) and has widths of 2m, 4m and 6m.

German Geotextile Robustness Classes (GRK):

Cover soil material	Operational demands / expected ruts			
	No construction traffic	< 5cm	5 - 15cm	15 - 30cm
Fine grained or sandy soils	(GRK 2)	-	-	-
Coarse or mixed granular soils	GRK 3	GRK 3	GRK 3	GRK 4
Coarse or mixed granular soils with up to 40 % stones and blocks	GRK 3	GRK 3	GRK 4	GRK 5
Coarse or mixed granular soils with more than 40 % stones and blocks	GRK 4	GRK 4	GRK 5	GRK 5+ e.g. Secugrid® geogrids



FIELDS OF APPLICATION

The range of applications and the service life depend on the project location factors such as soil, water and climate conditions.

Typical fields of application are:

- Separation, filtration and protection layers
- Gardening and landscaping
- Temporary path and road construction
- Embankment protection / natural-related waterway construction
- Coastal protection (single nonwoven geotextile layer and/or sand containers)
- Scour protection (sand containers)



Figure 1:

Construction roads, temporary applications



Figure 2:

Road construction in ecologically sensitive environments



Figure 3:

Waterway construction, bank protection

CERTIFICATES

The official certificates of TÜV Austria, a neutral and competent certifier, confirm our efforts in the field of sustainability. This is guaranteed by the following certificates:



OK compost INDUSTRIAL

guarantees biodegradability in an industrial composting plant.



OK compost HOME

guarantees complete biodegradability under consideration of specific requirements in the garden compost.



OK biodegradable SOIL

guarantees the complete biodegradability in soil and that there are no negative effects on the environment.



OK biodegradable WATER

guarantees biological degradation in a natural fresh water environment.



OK biodegradable MARINE

guarantees the biological degradation in a natural seawater environment.

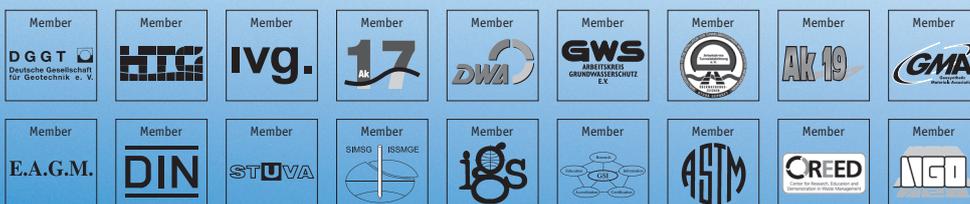


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Memberships of the NAUE Group



Approvals for the NAUE Group



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