

NovoProof® TE

For ponds and pools

Green and safe

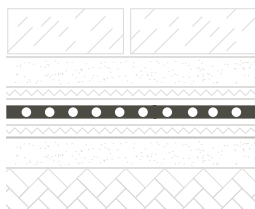
The protection of our nature is important to us. Our eco-friendly NovoProof® TE geomembrane is resistant against algae and micro-organisms, resistant to root penetration, and does not emit harmful substances that could endanger fish stocks, frogs or microbes during its service life. Our geomembrane is also ecologically safe for humans.

The durably elastic, weather-proof material is also root-resistant and offers security to the sensitive eco-system of ponds through its long and maintenance-free service life. No matter where there is no natural layer of earth, environment-friendly NovoProof® waterproofing membrane made of EPDM rubber can effectively prevent, particularly by seam welding through ThermoFast® welding technique, the water infiltration.

Technical data

Product data is subject to possible changes caused by production

Designation	Geosynthetic membrane for the sealing of retention reservoirs and dams according to DIN EN 13361
Nominal thickness	1.0 / 1.3 / 1.5 / 2.0 mm
Size of prefabrication	up to 900 m ²
Tear strength	≥ 9 N/mm ²
Elongation at break	≥ 380 %



Interlocking pavers

Protective layer approx. 5-10 cm

Geotextile approx. 400g/m²

NovoProof® prefabricated geomembrane

Geotextile approx. 400g/m²

Structural support and fine subgrade (0-2 mm)

Subgrade (Proctor compaction -95%)

Watertight, elastic and flexible

Since our material made of EPDM rubber is completely waterproof, the prefabricated membrane stays consequently elastic and flexible under all possible conditions. During the folding test with temperatures down to -40°C, there are still no cracks developed, this property enables NovoProof® TE membranes to be laid out even when the frost hits. When it comes to ozone, a problem for many conventional pond liners in the long term, there is still no damaging effect on our materials. The elasticity of our high-performance rubber remains unchanged at temperatures from -40°C to +120°C.

