

Geotextiles

Geotextiles shall be porous, carpet-like materials, made from synthetic fibres. Geotextiles are used as a separation layer and shall be in the form of a thin permeable membrane.

The geotextile shall be of polypropylene filter fabric and shall be resistant to air, water, chemical and bacteriological attacks. The geotextile shall fulfill the International Classification (DIN 54307) Class 4. The fabric shall be manufactured with and preserve the following mechanical properties according to DIN 54307

Description	Property
Weight of cloth	Min. 300g/m ²
Tensile strength in: a) warp:	Min 20 kN/m
b) weft:	Min 20 kN/m
Elongation at break: a) warp:	Min 50%
b) weft:	Min 50%
Penetration strength	Min. 3.3 kN