



Geotouch[®]

**WATERPROOFING
& CONSTRUCTION**
2017 Catalogue

2017

Geotouch[®]

Geotextile for **ROOF WATERPROOFING**

PVC MEMBRANES

Geotouch[®] Geotextiles can be a component of PVC membranes. They are particularly useful for the refurbishment of existing roofs where the use of mechanical fixings is difficult or not permitted. The roofing membrane incorporates a 200 – 250 or 300 g/m² Geotouch[®] polyester fleece backing, allowing it to be securely adhered to the specified substrate.



FUNCTION

Protection – Geotouch[®] Geotextile nonwoven is utilized in the manufacture of synthetic membrane of plasticized PVC. They are reinforced with a nonwoven polyester felt backing of 200 g/m², 250 and 300 gr/sqm. The main applications of the roofing membrane are isolation and cushioning purposes.

BITUMINOUS MEMBRANES

Geotouch[®] Geotextiles is utilized in the bituminous roofing membrane industry, as reinforcement. It is composed of thermally stabilized nonwoven polyester fabric. Membranes reinforced with nonwoven polyester fabric offers a very good static and dynamic puncture resistance, longitudinal and transversal tensile strength, and elongation.



FUNCTION

Stabilisation – Geotouch[®] nonwoven polyester 120 and 150 gr can be a part of waterproofing bitumen membrane. It gives good static puncture and improves tensile strength.

APPLICATIONS

Building & Factories
Airports
Sports Hall

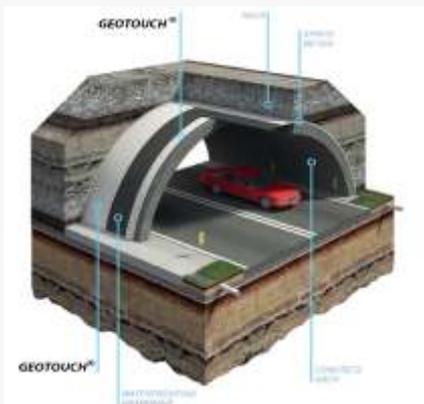


Geotouch®

Geotextile for **TUNNEL WATERPROOFING, LANDFILLS & WATER BASINS**

TUNNEL

Geotouch® geotextiles on both sides of membranes in tunnel construction protect it from perforation. Coatings and membranes applied to concrete structures are often in need of protection. Angular materials in contact with the proofing, whether by design or by accident, are capable of penetrating the barrier, particularly if the structure is to be subjected to high confining pressures. Thick, nonwoven Geotouch® geotextiles are the easily applied and proven solution.



CHARACTERISTICS REQUIRED FOR USE IN THE CONSTRUCTION OF TUNNELS AND UNDERGROUND STRUCTURES

Geotouch® types are characterized by a random fibres' distribution in order to achieve a homogeneous matrix. The fibers used are made of high tenacity PP short fiber. As part of the construction of the tunnel Geotouch® is proposed for different applications with a mass per unit area of 500 g/sqm to 800 g/sqm. It is normally used to protect the waterproofing membrane and can act as a filter and drainage system.

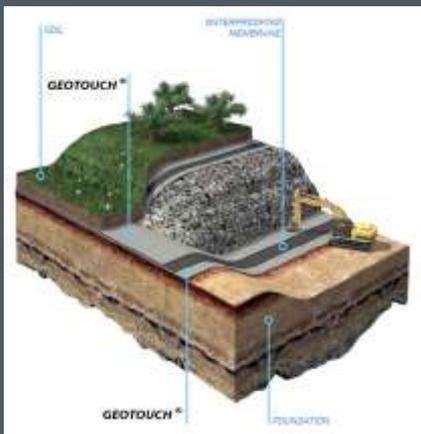


Geotouch®

Geotextile for **TUNNEL WATERPROOFING, LANDFILLS & WATER BASINS**

LANDFILLS & WATER BASINS

Geotouch® geotextiles on both sides of membranes in waste disposal protect it from perforation. Geotouch® protect impermeable membranes of landfill basal areas, side walls and caps, tailing lagoons, reservoirs, balancing ponds, reed beds and artificial lakes.



CHARACTERISTICS REQUIRED FOR USE IN LANDFILL PROJECTS

The bottom barrier appears to be the most sensitive component of the whole system dump "as responsible for the protection of the soil from contaminants that maybe more or less dangerous to the environment. The design of Geotouch® Geotextile is specifically in relation to the degree of hazard of the material and of the surrounding environment, to prevent puncturing of the waterproofing membrane. With Geotouch®, one can achieve not just the maximum safety but also the maximum functionality and constructions efficiency. The series Geotouch® offers the ultimate guarantee in terms of filtration and protection; allows one to design - in every situation and circumstance.



FEATURES

Specifically developed to respond to the installation challenges of geotextile, Geotouch® products are a breakthrough of importance comparing with other traditional construction techniques.

FILTRATION & EROSION CONTROL

Supported by a constant innovating tradition, Geotouch® geotextile has no equals under the most extreme application conditions. The product can reach 2000 gr per square metre and was mainly studied to control erosion in coastal, river and mountain areas.

PROTECTION

90% of the damages to a geotextile occurs during the installation. Geotouch® ensures a total resistance to this primary challenge consequently guaranteeing a long life service. It is made of high quality polypropylene fibers allowing it to comply with the strictest project requirements.

DRAINAGE

Due to its weight and thickness, it represents a unique drainage system. Landfills and tunnels are just two of the most common uses of the product.

FUNCTIONS

Protection
Drainage
Reinforcement

