

APTC Leakproof 8Geo

Geo-composite drainage sheet

Description

APTC Leakproof 8Geo is a geo composite drainage sheet used in waterproofing applications to assist in water drainage and the protection of underground membrane systems.

Featuring a heat treated geotextile layer adhered to HDPE dimpled sheet, **APTC Leakproof 8Geo** has a high compressive strength and is chemical and root resistant.

Uses

APTC Leakproof 8Geo is designed to be used as a drainage and protective layer in underground waterproofing applications:

- Drainage sheet – for safe and continuous draining of water through the geotextile layer
- Protective layer – to provide protection of membrane systems against damages caused by soil pressure (vertical applications) and to assist in the equal distribution of soil load and reduction of point load (horizontal applications)

Suitable areas of use: Retaining walls, tunnels and underground carparks.

Technical Properties

RAW MATERIAL (Dimpled sheet + Geotextile)	High density polyethylene (HDPE) + Polypropylene (PP)
COLOUR	Black and grey
DIMPLE HEIGHT	8mm (approx.)
ROLL DIMENSIONS	2m x 20m
COMPRESSIVE STRENGTH	200 kN/m ²
WATER FLOW CAPACITY	2.48 litres per second per lineal metre with a conservative value of 2.4 litres per second
WATER PERMEABILITY Vh50 (GTX)	80x10 ⁻³ m/s (-15x10 ⁻³ m/s)
DYNAMIC PERFORATION RESISTANCE (GTX)	33MM (+5mm)
TENSILE STRENGTH	MD 11 kN/m (-2kN) ; CMD 9 kN/m (-2kN)
SERVICE TEMPERATURE RANGE	-30, +80 °C
RESISTANCE TO WEATHERING	Must be covered within two weeks of installation
DURABILITY	Up to 25 years in natural soils with 4 <pH<9 and soil temperatures <25°C
OTHER PROPERTIES	Chemical and plant root resistant. Not harmful to drinking water. Resistant to acid, alkali, oil and solvents.

Storage

APTC Leakproof 8Geo should be stored in its original packaging in a cool, dry place protected from UV rays. Rolls must always be transported and stored in an upright position. Do not stack pallets on top of each other as this will damage the rolls. Keep away from direct heat sources.

Limitations

- **APTC Leakproof 8Geo** must not be left exposed. Product must be covered within first two weeks of installation.
- The suitability of the product for each intended use must be determined by the purchaser prior to the application of the product.

Health & Safety

APTC Australia supports best practice in material handling; gloves, mask, safety googles and protective clothing should be worn when handling and using this product.

Safety data sheets (SDS) for this product are available on the APTC Australia website www.aptcaust.com.au. Read the TDS and SDS carefully before using any product.

Disclaimer

The information and recommendations provided regarding the application and use of APTC Australia products are based on APTC Australia's current knowledge and experience, assuming proper storage, handling, and application according to our guidelines. However, due to variations in materials, substrates, and site conditions, we cannot guarantee any warranties related to merchantability or fitness for a particular purpose, nor assume any liability based on this information, written recommendations, or other advice. Users must assess the suitability of the products for their specific application and purpose. APTC Australia reserves the right to modify product properties at any time. Third-party proprietary rights must be respected. All orders are subject to our current terms of sale and delivery. For the most up-to-date product information, users should refer to the latest version of the local product data sheet, which can be provided upon request.