

CIKOTEX PP

High performance, UV and Thermo Stabilized Polypropylene needle punched, non-woven Geotextile fabric

Description

CIKOTex PP is a high performance polymeric non-woven stable and 100% virgin fiber based on polypropylene with a high degree of dimensional stability. It is used as a separation, filtration and moisture barrier.

Properties

- Excellent resistance to chemical compounds and salts normally present in the soil.
- Excellent UV resistance
- Durable and easy to install
- Remarkable resistance to aggressive attack of salts and chemicals
- Good tear and puncture resistance

Application Area

CIKOTex PP is used to provide protection, filtration, separation, and reinforcement and drainage functions in soil, rock and waste materials. They are also specifically used as separation and protection layers within structural waterproofing system, protection and moisture mats within the roofing system.

Application Instructions

CIKOTex PP can be loosely laid depending on type of application and site conditions. The surface generally should be clean and free from debris and large cavity. For roof applications, geotextile should be applied upon clean substrate, either thermal insulation board or waterproofing membrane.

Health & Safety

All safety measures should be taken during application. Fire extinguishers should be available on the site. Workers should wear personnel protective tools such as gloves and goggles during application. Refer Material Safety Data Sheet for further details.

Physical properties

Roll Size, (Width)	4.5 m
Roll Size, (Length)	100 m
Nominal Thickness @ 2Kpa	1.4 mm
Mass per unit area (g/m ²)	150 g/m ²
Tensile Strength ISO 10319	8 (-0.5) kN/m
Tensile Elongation ISO 10319	60 ± 20%
Dynamic Cone Drop	38 (+5) mm
Puncture Resistance ISO 12236	1500±150N
Pore Size ISO 12956	75±20 µm
Permeability (50m Head) ISO11058	90(-25) L/m ² .s
Exposure to Weathering (50MJ/m ²) EN12224	>90%
Micro Biological Resistance EN12225	No Loss or Changes
Acids & Alkalis Resistance EN14030	No Loss or Changes
Oxidation Percentage at 85 days (EN12226)	>90%

Packing

CIKOTex PP is available in rolls of 4.5 x 100 meters. The rolls are wrapped with double PE foil.

Storage & Material Handling

The rolls should always be stored in a shaded area and not to be left on direct sunlight for more than 14 days.

Shelf life

CIKOTex PP has a shelf life of 12 months if stored in accordance with CIKO instructions.

Technical Support

For any technical support, do not hesitate to contact CIKO team at any time as CIKO offers on and off site services to end users, specifier and contractors.

More from CIKO Middle East

A wide range of construction chemical products are manufactured by CIKO Middle East which includes:

- *Concrete admixtures and additives*
- *Waterproofing and damp proof coatings*
- *Surface treatments*
- *Flooring and toppings*
- *Grouts and anchors*
- *Tile adhesives and grout*
- *Concrete repair materials*
- *Adhesives and bonding agent*
- *Protective coating*
- *Joint Sealants and Moulding compounds*
- *Ancillaries*

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Note: The information presented herein based on the best of our knowledge and expertise for which every effort is made to ensure its reliability. Although all the products are subjected to rigid quality tests and are guaranteed against defective materials and manufacture, no specific guarantee can be extended because results depend not only on quality but also on other factors beyond our control



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