TECHNICAL DATASHEET

GEOTEKSTIL KEÇƏ® 300 PG

About Product

GEOTEKSTIL KEÇƏ® 300 PG is a non-woven textile product made of polyester fibers interlocked by needle punching.

Product code: 205.30053

Application Areas

- To protect hydro and thermal insulation materials used in roofs and floors
- To prevent clogging of drain pipes (the drain pipe does not pass soil, clay, etc.)
- In the transport sector (to prevent accidents on highways, airports, and railways)
- In drainage systems
- Under geomembrane
- In solving problems with pits, reinforced embankments, erosion protection,coastal protection zones of rivers, lakes, and seas
- In filtering, strengthening weak soil and asphalt
- In highways, tunnels, and underground structures
- In subways, crop fields, terraces, and sports courts
- In solid waste storage areas and irrigation canals

Advantages

- Ensures maximum decay resistance due to synthetic fiber composition
- Resistant to damage during laying
- Resistant to sea water, mold, and rust
- Resistant to acids, alkalis, and microorganisms
- UV resistant
- Easy to transport and stack
- Easy to lay. Does not harm human health during and after laying.
- Requires less storage space

Technical Specifications

Composition of material	Polyester
Surface density TS EN ISO 9864	300 g/m²
Thickness TS EN ISO 9863-2	2.5 mm
Tensile and bending strength TS EN ISO 10319 (longitudinal direction)	4.4 kN/m
Tensile and bending strength TS EN ISO 10319 (transverse direction)	4.8 kN/m
Water permeability TS EN ISO 11058	0.50 m/s

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Static puncture test (CBR) TS EN ISO 12236	700 N
Dynamic puncture test TS EN ISO 13433	35 mm
Characteristic diaphragm TS EN ISO 12956	0.11 mm

The above figures are valid for +20°C and relative humidity of 50%.

Application Guidelines

GEOTEKSTIL KEÇƏ® 300 PG laying does not require special skills. The material is sold in rolls, is lightweight, and can be easily cut with ordinary scissors.

Storage Conditions

Store in a closed dry and cool place out of the reach of direct sunlight.

Safety Measures

To comply with health and safety regulations during the application, refer to the safety datasheet for proper use, transportation, disposal, and other important information on the product.

Liability

Our company shall only be liable for the product quality. Our company shall not be liable for any use of the product in breach of written guidelines and/or improper use. For more details, please request a product manual or contact our company's responsible officials.

KARTAŞ LTD LLC

7, Binagadi settlement, Binagadi district, Baku

www.mrfix.az

Phone: +994 12 347 00 10, +994 12 347 10 10