

BYWAY
GREEN
ROOF



UNTEX DN

Eco-friendly mulching fabric



Characteristic: Mechanically needled nonwoven fabric made from recycled natural fibers. The product is made from recycled materials and is further recyclable. The product is neither chemically nor thermally bonded.

Material composition: Kenaf 40 % , Viscose 20 % ,Wool 40 %

Color: brown/natural

Properties:



Use: Water retention, air permeability, and mulching promote healthy root development. The biodegradability of natural fibers gradually releases nutrients to plants. Suitable for gardens, orchards, lawns, urban green spaces, planters, containers, and green roofs.



Material specifications

Date: 27.1. 2026



EASY WAY TO GREEN ROOF

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Technical parameters

		UNTEX DN		300	
PHYSICAL PROPERTIES					
Weight / EN ISO 9864		g/m ²		300	
Thickness 0,5 kPa / EN ISO 9863-1		mm		3,4	
MECHANICAL PROPERTIES					
Tensile strength (min.) / ČSN EN 10319	↑	kN/m		0,61	
	→			0,66	
Elongation [±20 %] / EN ISO 10319	↑	%		35	
	→			45	
Static tear - CBR test / EN ISO 12236				0,16	
Dynamic puncture test (max.) / EN ISO 13433		mm		22	
PACKAGING, STORAGE, AND DISPOSAL					
Maximum roll width		m		4	
Roll length		m		50	
Packaging	Rolls are packet in PE foil, and according to the requirements can be wind up on paper tubes				
Storage	In covered and dry areas				

The data were measured in the laboratories of RETEX a.s., VUT Brno, and TZÚ Brno in 2025 and are for informational purposes only.

IMPORTANT:

Pre-cultivation and hydro-accumulation mat.

The product can also be used as a planting base in gardens, orchards, or for brownfield revitalization.

In countries with irregular precipitation, it helps with soil recultivation.

It can be used as a substrate for growing hydroponic and aeroponic plants.

The product is not intended for growing food, fruits, or vegetables.