



Y WAY  
GREEN  
ROOF

**UNTEX N**  
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 50 % , Viskóza 30 % , Vlna 20 %

**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 N	300	
<b>PHYSICAL PROPERTIES</b>			
Weight / EN ISO 9864	g/m <sup>2</sup>	300	
Thickness 0,5 kPa / EN ISO 9863-1	mm	3,2	
<b>MECHANICAL PROPERTIES</b>			
Tensile strength (min.) / ČSN EN 10319	↑ → kN/m	0,69 0,62	
Elongation [±20 %] / EN ISO 10319	↑ → %	45 40	
Static tear - CBR test / EN ISO 12236		0,15	
Dynamic puncture test (max.) / EN ISO 13433	mm	40	
<b>PACKAGING, STORAGE, AND DISPOSAL</b>			
Maximum roll width	m	4	
Roll length	m	50	
Packaging	Rolls are packed in PE foil, and according to the requirements can be wound 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.