



SINCE  
**1950**

## ENVIRET N

Ecological planting board



**Characteristics:** Non-woven fabric made using Airlay technology from natural recycled fibres, bonded with a biodegradable and biocompatible polymer

**Material composition:** PLA fibres 10%  
Juta 36%  
Sisal 9%  
Kenaf 45%

**Properties:**



**Use:** The cultivation and water storage board is designed for establishing green roof layers, mainly extensive light roofs with drought-tolerant plants such as Sedum and Semprevivum, and also for intensive roofs. In green roof systems, the board acts as a water reservoir, retaining water in the system. The product can also be used as a planting substrate in gardens, orchards or for brownfield revitalisation. In landscapes with irregular rainfall, it helps with soil recultivation and promotes seedling growth. It can be used as a substrate for growing hydroponic and aeroponic plants.



**Material specifications**

Date of issue: 9. 2. 2026



# ENVIRET N

Ecological planting board

## Technical parameters

ENVIRET N				
		20	30	tolerance
<b>PHYSICAL PROPERTIES</b>				
Area weight / EN ISO 9864	g/m <sup>2</sup>	2000	3000	± 15 %
Weight of fully saturated board	kg/m <sup>2</sup>			± 15 %
Thickness 0.5 kPa / EN ISO 9073-2	mm	20	30	± 15 %
<b>MECHANICAL PROPERTIES</b>				
Tensile strength (min.) / ČSN EN 29073-3	↑ → kN/m			
Dynamic cone rupture (max.) / EN ISO 13433	mm			
<b>FIRE CLASSIFICATION</b>				
<b>HYDROPHYSICAL PROPERTIES</b>				
Liquid absorption /Q3PI-QM-LAB-27	l/m <sup>2</sup>	23,7	35,6	
<b>DIMENSIONS**</b>				
Supplied format		board		
Width	cm	60	60	± 2 cm
Length	cm	120	120	± 2 cm
<b>PACKAGING, STORAGE AND DISPOSAL</b>				
Pallet dimensions	cm	120x120	120x120	
Number of boards per pallet	ks	400	200	
	m <sup>2</sup>	288	144	
Approximate pallet weight	kg	300	300	
Storage	In covered and dry areas			

The data was measured in the laboratories of RETEX a.s., Brno University of Technology and TZÚ Brno in 2020 and is for informational purposes only.

Date of issue: 9. 2. 2026