

The info data in this technical data sheet is gathered and summarized from the following certificates:

- **Technical Agreement** (001SC-03/402-2022) - Thermal insulation product from sheep wool - Specialized group nr. 3: Fire protection, thermal protection, acoustic protection, water-repellent and cladding protection, issued by INCD URBAN-INCERC, Cluj-Napoca, Romania.

- **Certification for Thermal Resistance** - Test Nr. 5096/16.08.2022 according to the standard ISO test SR EN 12667:2002

Thermal conductivity: $\lambda_{10} = 0,04 \text{ W/mK}$

Thermal resistivity: $R_{10} = 1,30 \text{ m}^2\text{K/W}$

- **Certification for Fire Behavior** - Fire classification of construction products and building elements according to the standard ISO: EN 13501-1

Fire classification: B s2 d0

- **Certification for Sound Insulation** of Building Elements - Measurement of airborne sound insulation according to standard ISO 10140-2:2021

$R_w = 26\text{dB}$

$R_{w+c} = 24 \text{ dB}$

$R_{w+ctr} = 24 \text{ dB}$

- **Certification for water absorbency** - Thermal insulating products for building applications — Determination of short-term water absorption by partial immersion according to the standard ISO: SR EN 1609:2013

Result: $0,4 \text{ kg/m}^2$

S.C. ECO FRIENDSHEEP S.R.L.

Costești, Calea Alexandriei nr. 5, Jud. Argeș

Website: www.ecofriendsheep.euE-mail: office@ecofriendsheep.eu**100% Natural
Sheep Wool**

Use: Green Sheep Insulation meets the requirements and standards applied to equipment intended for use in:

- Residential (domestic) environment
- Commercial and light-industrial environment
- Industrial environment
- Medical environment

Composition: 100% Natural Sheep's Wool

Mold growth intensity: 0; no mold at all

Recycling capacity: 100%

Possible effects on the depletion of the ozone layer (ODP): None

Possible effects on global warming (GWP): None

Biodegradability: 100%

Durability and maintenance: a minimum of 25 years after application

Technical Data

Commercial name	Thickness	Width	Length	Weight	Density
Green Sheep Thin	50 mm	370mm - 570mm	2300 mm	0,65 kg/m ²	13 kg/m ³
Green Sheep Standard	100 mm	370mm - 570mm	2300 mm	1,3 kg/m ²	13 kg/m ³
Green Sheep Plus	150 mm	370mm - 570mm	2400 mm	1,9 kg/m ²	13 kg/m ³
Green Sheep Premium	200 mm	370mm - 570mm	2500 mm	2,5 kg/m ²	13 kg/m ³
Green Sheep Wool	Package of 5kg				