

THERMO-TEK RL ECO



June 2023

with **ECOSE®**
TECHNOLOGY

DESCRIPTION

Thermo-teK RL Eco is **an unfaced** lightweight glass mineral wool roll.

Knauf Insulation Thermo-teK RL Eco is produced with **ECOSE® Technology**, a patented binder system, based entirely on renewable raw materials.



PERFORMANCE

Maximum service temperature	150 °C (EN ISO 18097)
Reaction to fire	A1 (EN 13501-1)
Apparent density	ca. 25 kg/m³ (EN ISO 29470)
Declaration of performance*	http://dopki.com/T4207NPCPR

* for detailed information on DoP please check the product label

APPLICATION

Defined Thermo-teK applications:

- Converting

The product is recommended for thermal, fire and sound insulation of defined Thermo-teK applications within technical insulation.

BENEFITS

- ✓ Lightweight solution
- ✓ Strong and flexible
- ✓ One universal solution for different forms and sizes
- ✓ Easy to handle, cut and install around different shapes
- ✓ Compressed packaging (logistical advantage)
- ✓ ECOSE® Technology

STANDARDS

Knauf Insulation products are produced according to four of the most important International Management Standards for sustainability ISO 9001 (Quality Management), ISO 14001 (Environmental Management), ISO 50001 (Energy Management) and ISO 45001 (Health and Safety Management), all certified by Tüv Nord.

CERTIFICATES



THERMO-TEK RL ECO



June 2023

SPECIFICATIONS

Description	Sign	Description/data				Unit	Standard
Thermal conductivity depending on temperature	ρ	10	50	100		°C	EN 12667
	λ	0,033	0,040	0,049		W/(mK)	
Designation code	-	MW-EN14303-T2-ST(+)150				-	EN 14303

HANDLING

Knauf Insulation products are easy to handle and easy to install. They are supplied in suitable packaging materials to balance necessary transport protection with sustainable recycling options. Packaging is not designed for long-term storage or exposure to harsh weather conditions. Further product information is mentioned on every pack.

STORAGE

For longer-term protection on site we recommend storing the product either indoors or alternatively under a roof cover and off the ground. If covered storage is not available, products can be stored outside (open-air-storage) if placed off the ground (keep palletized) and covered with plastic hood (foil), for a maximum of up to 6 months from the date of delivery. Outdoor storage is not recommended during particularly humid months with large fluctuations in temperature.

STANDARD FORMATS*

Thickness	25 mm, 40 mm, 50 mm
Width	1200 mm

*Other dimensions on request.



Knauf Insulation mineral wool products made with ECOSE® Technology benefit from a formaldehyde-free binder made from rapidly renewable bio-based materials instead of petroleum-based chemicals. The technology has been developed for Knauf Insulation's mineral wool products, enhancing their environmental credentials without affecting the thermal, acoustic or fire performance. Insulation products made with ECOSE® Technology contain no dye or artificial colours – the colour is completely natural.

Knauf Insulation Ltd.

PO Box 10, Stafford Road, WA10 3NS St.Helens, Merseyside, UK | E-mail: ts@knaufinsulation.com

All rights reserved, including those of photomechanical reproduction and storage in electronic media. Commercial use of the processes and work presented in this document is not permitted. Extreme caution was taken in assembling the information, texts and illustrations in this document. Nevertheless, errors cannot be entirely ruled out. The publisher and editors assume no legal responsibility or any liability whatsoever for any incorrect information or any consequences thereof. The publisher and editors are grateful for any suggestions for improvement as well as the identification of any errors.