

## FULL INSULATION POWER WITH LESS LAYERS



Power-teK® RL 220  
The tank solution from Knauf Insulation

challenge.  
create.  
care.

# POWER-TEK RL 220 = SOLUTION FOR VERY THICK INSULATION



## PRODUCT INFO

Power-teK RL 220 are light weight Mineral Wool slabs (delivered in rolls) featuring ECOSE® Technology. With thicknesses achieving up to **300 mm per layer**, Power-teK RL 220 delivers a cost effective solution using a minimized number of layers. They are used for insulation of **heat storage tanks, hot water tanks and other vessels** with limited demand for service temperatures while requiring strong thermal performance throughout thicker layers of insulation. This kind of insulation is usually used outdoors underneath additional claddings (weather protection).

## MULTIPLE BENEFITS OF KNAUF INSULATION POWER-TEK RL 220 AT TANKS:

Characteristics	Reduction in number of installed insulation layers	Reduction of working time by up to 50%	Optimization of logistic by compressed products packaging	Light and user-friendly solution	Sustainable solution
Main benefits					

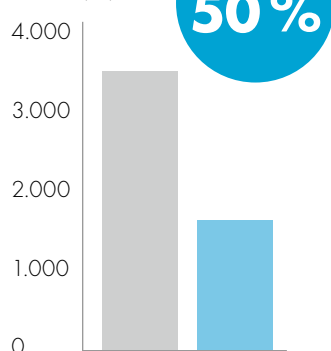
Main benefits: = good performance, = cost savings, = time savings, = easy and fast handling, = ecological

## DETAILS ON BENEFITS\*

Number of layers

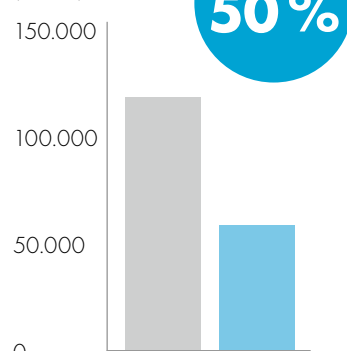


Installation time (h)<sup>1</sup>



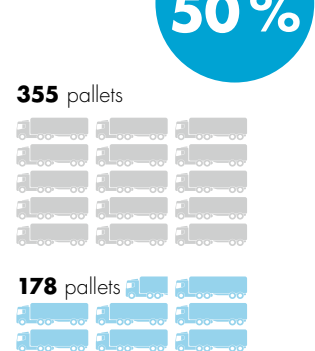
<sup>1</sup> Reduction in installation time of insulation

Investment (EUR)<sup>2</sup>



<sup>2</sup> Reduction of investment costs for material and installation of the insulant

Transport costs<sup>3</sup>



<sup>3</sup> Less pallets, less trucks

■ 4 layer Mineral Wool boards 35 kg/m<sup>3</sup>    ■ **2 layer Power-teK RL 220**

\* ) Remark: Calculations are based on a real case with a technical requirement of 500 mm insulation thickness. Market prices and construction principles in different markets may have influence on the calculation, so there is a possibility of deviation.



**SUMMARY** As light weight Mineral Wool slabs, Power-teK RL 220 can ensure very thick insulation installed through a lower number of layers. The product provides perfect material consistency as well as a constantly high level of insulation performance, saving costs throughout the whole process chain, including logistics. The overall sustainable approach provides an additional benefit.

## ROLLS POWER-TEK RL 220 ARE PRODUCED WITH ECOSE® TECHNOLOGY.

Knauf Insulation Mineral Wool products with ECOSE® Technology benefit from a no added formaldehyde binder made from rapidly renewable bio-based materials instead of petroleum-based chemicals.



## CONTACT

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### Company profile

Knauf Insulation is one of the most respected names in the insulation industry worldwide with more than 40 years of experience and still growing fast. Over 5.500 employees in more than 35 countries and 38 manufacturing sites. Being part of the family-owned Knauf group Knauf Insulation Technical Solutions provides solutions for customers' requirements in industry, marine applications, heating, ventilation and air conditioning. A profound market understanding and insulation know-how enables us to provide a broad range of products to meet your specific needs.

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