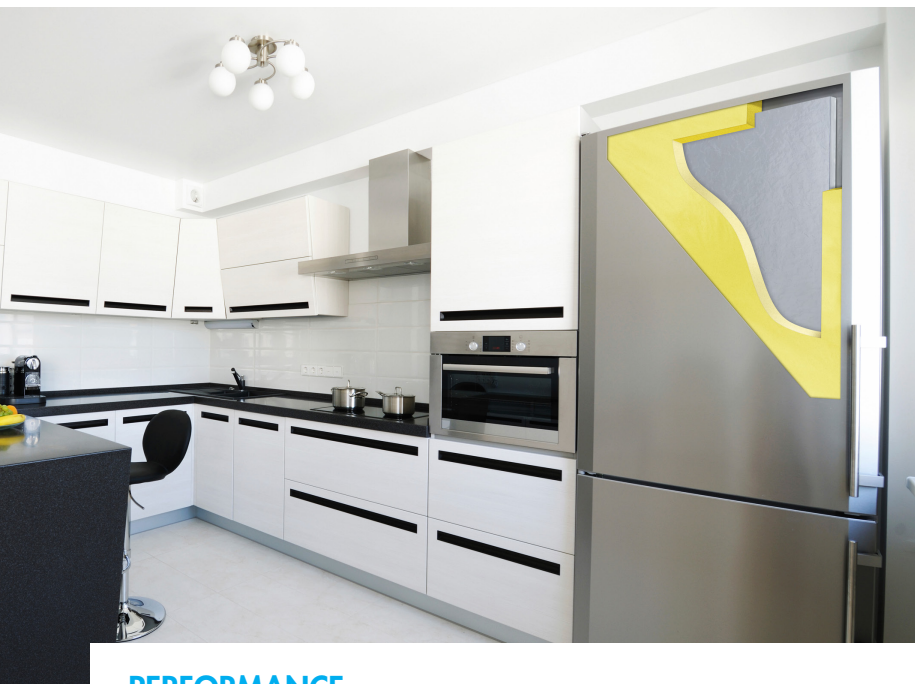


DAP VIP ROLL

July 2023

High-performance glass mineral wool roll with long, horizontally-oriented fibres



DESCRIPTION

Knauf Insulation DAP VIP ROLL is manufactured from high-purity glass fibres delivered as a roll, clean of process aids and additives and specially processed to offer excellent performance in vacuum insulation panels. High-tech production technologies ensure very thin horizontally-oriented fibers with uniform fibre distribution, ready for dry process VIP production.

Standard dimensions

- Roll width max 2400 mm,
length 10,000 - 24,000 mm

PERFORMANCE

VIP specification

Extremely low thermal conductivity $\lambda \leq 2.0 \text{ mW/mK}$
Density 210 - 270 kg/m³

Certified quality

Complies with RoHS Directive
Complies with REACH Regulation
RAL
EUCB

BENEFITS

- ✓ Horizontally-oriented fibres
- ✓ Thermal insulation properties ensure improved/high energy efficiency of VIP
- ✓ No organic binders
- ✓ Extremely low outgassing

APPLICATION

Glass mineral wool fibres for production of VIP core (dry process VIP core).

STANDARD

Technical properties of Knauf Insulation DAP VIP ROLL are declared in accordance with EN 14303.

Knauf Insulation DAP VIP ROLL is manufactured in accordance with ISO 9001 Quality Management Systems, ISO 14001 Environmental Management Systems, ISO 50001 Energy Management Systems and ISO 45001 Occupational Health and Safety Management Systems as certified by TÜV Nord.

CERTIFICATES



challenge.
create.
care.

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TECHNICAL PROPERTIES

Characteristics	Value	Unit
Color	white	-
Average fiber diameter	4	µm
Density of VIP	210 - 270	kg/m ³
Roll width	max. 2400	mm
VIP thermal conductivity	≤ 2	mW/mK

HANDLING & STORAGE

Knauf Insulation DAP VIP ROLL is packed on a wooden or plastic pallet. Products are protected with a cardboard and covered with PE foil with PE foil or wrapped twice with stretch foil, which is designed for short-term protection only. It is recommended to store the product either indoors, or under a cover and off the ground, for a maximum of up to 12 months.

If the material becomes damp on location, ensure the moisture evaporates before placing the felts into a manufacturing process.

The performance of DAP VIP ROLL depends on the customer's manufacturing process. Individual customers must optimize and control their manufacturing process to ensure the material meets the requirements of their manufacturing process and their final product.



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