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SAINT-GOBAIN

ISOVER
METAC λ34

Metac λ34 is a mineral wool insulation roll contributing to both thermal and acoustic performance as part of the overall system.

Metac λ34 is designed for applications where space is at a premium and a low U-value is required.

Where to use

- External Wall
- Pitched Roof - Attics
- Pitched Roof - Rafters

- CONTRIBUTES TO THERMAL PERFORMANCE
- CONTRIBUTES TO ACOUSTIC PERFORMANCE
- VAPOUR PERMEABLE INSULATION
- A1 REACTION TO FIRE CLASSIFICATION
- UP TO 50% RECYCLED GLASS
- CONTRIBUTES TO ENERGY SAVINGS
- MINIMAL WASTE
- EASY TO TRANSPORT

Contributes to the above system performances as set out below.

Features and Benefits*

- **Thermal:** Thermal conductivity 0.034 W/mK. Contributes to energy performance to reduce heating and cooling costs.
- **Acoustic:** Contributes to system acoustic performance.
- **Fire:** A1 Reaction to Fire classification in accordance with EN 13501-1.
- **Vapour Permeable Insulation:** Allows water vapour to pass through the insulation. Contributes towards preventing moisture accumulation in walls and roofs.
- **Installation:** Friction fits between timber rafters or joists when installed to full depth of studs. Offers minimal waste as off-cuts can be reused.
- **Installed Performance:** Due to its fitability and inherent capacity for recovery at installation stage, glass mineral wool contributes to acoustic and thermal performance by naturally mitigating gaps within a framed construction or where installed in adjacent rolls to form a continuous layer above a ceiling. Following installation, the insulation should not be compressed by more than 10% to retain full thermal performance.
- **Environmental Credentials:** Made with up to 50% post consumer recycled glass cullet. Mineral wool has been shown to have a low Carbon footprint relative to thermal performance.

Product Specification

Product	Product Code	Thickness (mm)	Width (mm)	Length (mm)	Roll Area (m^2)	Rolls Per Pallet
Metac λ34	**5200771695**	50	1200	9300	11.16	18
Metac λ34	**5200771696**	100	1200	6000	7.20	18
Metac λ34	**5200765192**	150	1200	4100	4.92	18
Metac λ34	**5200771700**	150	3 × 400	4100	4.92	18
Metac λ34	**5200771705**	180	1200	3400	4.08	18
Metac λ34	**5200771708**	180	3 × 400	3400	4.08	18
Metac λ34	**5200765193**	220	1200	2900	3.48	18
Metac λ34	**5200852270**	220	3 × 400	2900	3.48	18

* When installed in accordance with our recommendations.

Standards and Certification

Quality	Quality Management Standard EN ISO 9001: 2015 for manufacturing.
CE	Manufactured in accordance with the CE marking requirements under the Construction Products Regulation.
Product Standards	Manufactured in accordance with product standard: EN 13162:2012+A1:2015 and EN 13172 Evaluation of Conformity.
Environment	ISO 14001:2015 (Environmental Management System) accredited manufacturing facility. This accreditation ensures that all products are manufactured to the stringent standards set out by this management system.
Indoor Air Quality	Metac λ34 has earned Eurofins Indoor Air Comfort Gold certification, showing it meets Eurofins strictest air quality standards.
Durability	EN 13162 indicates that mineral wool – will not sustain vermin, nor breed or promote fungi or bacteria, – thermal conductivity does not change with time.
Service Life	As noted above in durability, based on sample dimensional stability testing, glass mineral wool installations are typically fit for purpose for the lifetime of the installation unless damaged.
Repair	Typically glass mineral wool will not require repair, though agitation of the material will assist recovery from local compression, alternatively, material may be easily replaced or topped up locally as required.
Reusability	Glass mineral wool insulation may be reused in suitable applications where respected in its use and preparation for reuse.
Recyclability	Glass wool insulation is circular due to its mineral composition, low wastage from installation, long life of the product and potential for reuse, glass wool is also recyclable with facilities available in Europe.
Data Digitisation	We have a BIM library for Isover products. System level information also available. Contact our Isover Technical Team for more information.
Handling, Storage, Health and Safety	Isover products are supplied fully palletised, offering ease of transport compared to unpalletised products. Information regarding storage and handling of Isover products and health & safety information can be found at www.isover.ie

Key Considerations

When incorporating into construction works, designers and installers should satisfy themselves that the product and the performances described in our literature are fit for the intended application.

Recovery guidance: Before installation, carefully agitate the insulation by gently shaking or bouncing it on its side – ensuring not to damage or compromise its integrity – until it recovers to the thickness stated on the label.

Safety Data Sheet

A Safety Data Sheet (SDS) for this product is available on
https://www.isover.ie/documents/safety-data-sheets/sds-isover-ireland-metac-roll.pdf

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