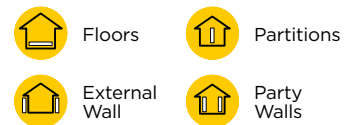




ISOVER ACOUSTIC ROLL

A glass mineral wool roll contributing to the acoustic performance of partitions, walls and floors to reduce noise infiltration in domestic and non-residential applications.

Where to use



Contributes to the above system performances as set out below.

Features and Benefits*

- ✓ **Acoustic:** Contributes to system acoustic performance.
- ✓ **Thermal:** Thermal conductivity 0.036 W/mK. Contributes to energy performance to reduce heating and cooling costs.
- ✓ **Installation:** Combi rolls are pre-perforated for easy splitting and minimal waste (off-cuts can be reused). Suitable for horizontal applications and full fill vertical applications or suspension within a partition cavity*.
- ✓ **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.

- ✓ **Fire:** A1 Reaction to Fire classification in accordance with EN 13501-1.
- ✓ **Environmental Credentials:** Made with up to 82% 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	Where to use	Thickness (mm)	Width (mm)	Length (mm)	Pack Area (M²)	Packs per Pallet
Acoustic Roll	5200625536	Partitions	25	1200	20000	24.00	24
Acoustic Roll	5200625538	Partitions	50	1200	12000	14.40	24
Acoustic Roll	5200625546	Partitions	70	1200	9000	10.80	24
Acoustic Roll	5200643004	Party & External Walls Floors	100	3 × 400	6500	7.80	24
Acoustic Roll (Combi)	5200625540	Party & External Walls Floors	100	1160	6500	7.54	24
Acoustic Roll (Combi)	5200625542	Party & External Walls Floors	150	1160	4500	5.22	24
Acoustic Roll (Combi)	5200625544	Party & External Walls Floors	200	1160	2700	3.13	24

* 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	Acoustic roll 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.



CONTACT DETAILS FOR FURTHER INFORMATION

Email: tech.ie@saint-gobain.com

Free Phone: ROI 1800 744480 | NI 0845 3990159

Publish date: November 2024

Isover reserves the right to revise product specifications without notice. The information in this document was correct to the best of our knowledge at the time of publication. It is the user's responsibility to ensure that it remains current prior to use. The information in this document is for guidance only and should not be read in isolation. Users should read and familiarise themselves with all the information contained in this document and ensure that they are fully conversant with the products and systems being used, before subsequent specification or installation. For a comprehensive and up to date library of information, visit isover.ie