Product Information Sheet







Product Name ISOVER Acoustic Roll

A glass mineral wool roll providing high levels of acoustic insulation in partitions, walls and floors to meet acoustic requirements in domestic and non-residential applications.

ISOVER G3 Touch – all our mineral wool products are manufactured using G3 Touch technology

High performance mineral wool insulation,
naturally strong & gentle - made
from recycled materials.

Great Performanian Creat Performant Creat Performanian Creation Control Contro





ISOVER Acoustic Roll























W/mK 0.036

BENEFITS AND FEATURES

| THERMAL | Thermal Conductivity 0.036 W/mK |
|---------------------------|--|
| ACOUSTIC | Excellent Acoustic Performance |
| FIRE | Excellent fire safety - A1 Fire Rated |
| STRENGTH | Improves energy performance and reduces heating & cooling costs |
| EASY TO INSTALL | Easy to install, friction fits between timber studs/joists |
| ENVIRONMENTAL CREDENTIALS | Made from recycled glass. Minimal manufacturing and on-site wastage. Low |

transport.

carbon footprint at manufacture and during

STANDARDS & CERTIFICATION

QUALITY

We hold a Quality Management Standard BS EN ISO 9001: 2008 for manufacturing.

CE

All products are manufactured in accordance

All products are manufactured in accordance with the CE marking requirements under the Construction Products Regulation,

PRODUCT STANDARDS All our products are manufactured in accordance with product standard: BS EN 13162: 2008 and BS EN 13172 Evaluation of Conformity.

ENVIRONMENT

ISOVER is an ISO 14001:2004 (Environmental Management System) accredited manufacturing facility. This accreditation ensures that all products are manufactured to the stringent standards set out by this management system. EN ISO 13162 EMS 551706 003 BS EN ISO 9001: 2000

INDOOR AIR QUALITY Awarded the highest standard in indoor air quality - Eurofins "Gold" Label

The Gold Certificate means that ISOVER mineral wool is certified as an outstanding material in terms of Indoor Air Quality emissions regulations.

DURABILITY

Fire Performance Euroclass classification of the product is related to the organic content, which cannot increase with time. Thermal conductivity of mineral wool products does not change with time, experience has shown the fibre structure to be stable and the porosity contains no other gases than atmospheric air. (See std EN13162:2012 Annex ZA, Table ZA.1) Will not accelerate corrosion with steel, copper or aluminium. Will not sustain vermin, nor breed or promote fungi or bacteria.



Variants

| | Thickness (mm) | Width (mm) | Length (mm) | Pack area (m2) | Pack per pallet |
|--------------------------------|----------------|------------|-------------|----------------|-----------------|
| Acoustic Roll G3 Touch | 25 | 1200 | 20000 | 24.00 | 24 |
| Acoustic Roll G3 Touch | 50 | 1200 | 12000 | 14.40 | 24 |
| Acoustic Roll G3 Touch | 70 | 1200 | 9000 | 10.80 | 24 |
| Acoustic Roll (Combi) G3 Touch | 100 | 1160 | 6500 | 7.54 | 24 |
| Acoustic Roll (Combi) G3 Touch | 150 | 1160 | 4500 | 5.20 | 24 |
| Acoustic Roll (Combi) G3 Touch | 200 | 1160 | 2700 | 3.13 | 24 |







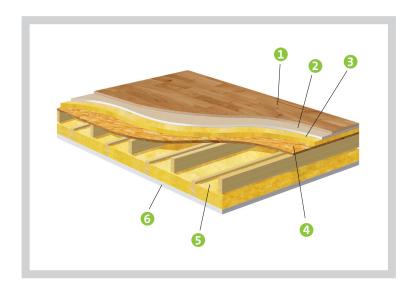
ISOVER Acoustic Roll Applications

Timber Frame Twin Leaf Construction

| INSULATION | Gyproc Plasterboard | Lab sound insulation 100-3150 Hz, Rw dB | Fire Resistance (Mins) | Overall Thickness (mm) |
|---------------------------|--|--|------------------------|------------------------|
| 50mm ISOVER Acoustic Roll | 12.5mm Gyproc WallBoard Premium | * | 60 | 250 |
| 25mm ISOVER Acoustic Roll | 19mm Gyproc Plank + 12.5mm Gyproc WallBoard | 63 | 60 | 293 |

Seperating Floors-Timber

| INSULATION | Gyproc Plasterboard | Lab sound insulation 100-3150 Hz, Rw dB | Fire Resistance (Mins) |
|----------------------------|-----------------------------|--|------------------------|
| 100mm ISOVER Acoustic Roll | 12.5mm WallBoard Premium | | 30 |



Separating Floors

Timber

- 18mm Tongue & Groove wood board flooring
- 2 19mm Gyproc Plank
- 25mm ISOVER Sound Deadening Floor Slab
- 4 12mm wood sub base
- Minimum 100mm ISOVER Acoustic Roll
- 6 2 layers 12.5mm Gyproc Wallboard Premium

Internal Partitions Metal Studs

| INSULATION | Gyproc Plasterboard | Lab sound insulation 100-3150 Hz, Rw dB | Fire Resistance (Mins) | Overall Thickness (mm) |
|---------------------------|------------------------------------|--|------------------------|------------------------|
| 25mm ISOVER Acoustic Roll | 12.5mm Gyproc WallBoard Premuim | | 30 | 70 |
| 25mm ISOVER Acoustic Roll | 12.5mm Gyproc SoundBloc | 45 | 30 | 70 |
| 50mm ISOVER Acoustic Roll | 12.5mm Gyproc SoundBloc | 47 | 30 | 70 |
| 50mm ISOVER Acoustic Roll | 2 x 12.5mm Gyproc SoundBloc | 53 | 60 | 70 |

Internal Partitions Timber Studs

| INSULATION | Gyproc Plasterboard | Lab sound insulation 100-3150 Hz, Rw dB | Fire Resistance (Mins) | Overall Thickness (mm) |
|---------------------------|------------------------------------|--|------------------------|------------------------|
| 25mm ISOVER Acoustic Batt | 12.5mm Gyproc WallBoard Premuim | | 30 | 75 |
| 25mm ISOVER Acoustic Batt | 12.5mm Gyproc SoundBloc | 40 | 30 | 75 |
| 25mm ISOVER Acoustic Batt | 12.5mm Gyproc SoundBloc | 46 | 60 | 75 |

Metal Stud Twin Leaf Construction

| INSULATION | Gyproc Plasterboard | Lab sound insulation 100-3150 Hz, Rw dB | Fire Resistance (Mins) | Overall Thickness (mm) |
|----------------------------|-----------------------|--|------------------------|------------------------|
| 50mm ISOVER Acoustic Roll | 15mm Gyproc SoundBloc | 66 (Rw dB) 58 (Rw + ctr) | 60 | 200 |
| 100mm ISOVER Acoustic Roll | 15mm Gyproc SoundBloc | 70 (Rw dB) 62 (Rw + ctr) | 60 | 250 |



ISOVER Ireland
Unit 4, Kilcarbery Business Park,
Nangor Rd., Dublin 22
Tel: +353 (0) 1 629 8400
Email: info@isover.ie
Web: www.isover.ie

ISOVER Technical Team ROI Free Phone: 1800 744 480 NI Phone: 0845 399 0159 Email: tech.ie@saint-gobain.com

