



## 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.





# ISOVER Acoustic Roll



W/mK 0.036

## BENEFITS AND FEATURES

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

## STANDARDS & CERTIFICATION

<b>QUALITY</b>	We hold a Quality Management Standard BS EN ISO 9001: 2008 for manufacturing.
<b>CE</b>	All products are manufactured in accordance with the CE marking requirements under the Construction Products Regulation,
<b>PRODUCT STANDARDS</b>	All our products are manufactured in accordance with product standard: BS EN 13162: 2008 and BS EN 13172 Evaluation of Conformity.
<b>ENVIRONMENT</b>	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
<b>INDOOR AIR QUALITY</b>	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.
<b>DURABILITY</b>	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



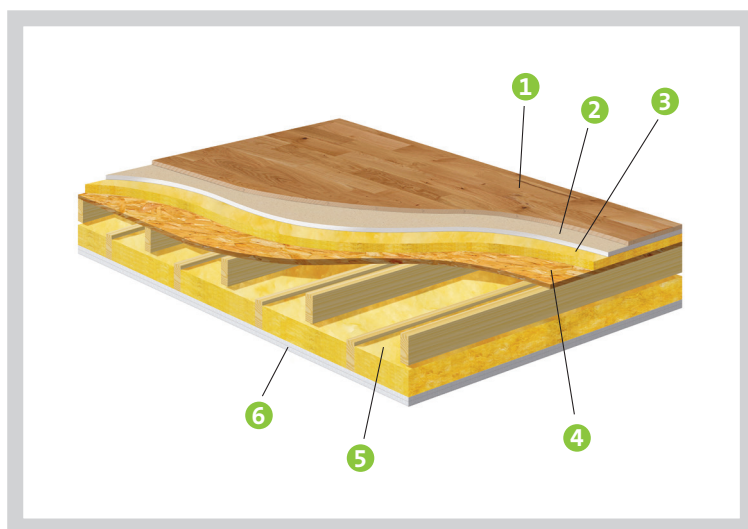
## ISOVER Acoustic Roll Applications

### 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

- ① 18mm Tongue & Groove wood board flooring
- ② 19mm Gyproc Plank
- ③ 25mm ISOVER Sound Deadening Floor Slab
- ④ 12mm wood sub base
- ⑤ Minimum 100mm ISOVER Acoustic Roll
- ⑥ 2 layers 12.5mm Gyproc Wallboard Premium

For more applications and  
product details, please visit  
[www.isover.ie](http://www.isover.ie)

## 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

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