

Product Information Sheet



Product Name

Modular Roll

A universal glass mineral wool roll used for the thermal insulation of large areas in buildings. The rolls are supplied in 1200mm wide unsplit rolls to ensure minimal cutting and waste to enable quick installation.

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.





Modular Roll



W/mK 0.043

BENEFITS AND FEATURES

| | |
|----------------------------------|--|
| THERMAL | Thermal Conductivity 0.043 W/mK |
| ACOUSTIC | Excellent Acoustic Performance |
| FIRE | Excellent Fire Safety - A1 Fire Rated |
| MOISTURE | Vapour permeable breathable insulation. Improves energy performance and reduces heating & cooling costs. |
| STRENGTH | Excellent Recovery and strength. |
| EASY TO INSTALL | Friction fits between studs. Easy to install. |
| ENVIRONMENTAL CREDENTIALS | Made from recycled glass. Minimal manufacturing and on-site wastage. Low carbon footprint at manufacture and during transport. |

STANDARDS & CERTIFICATION

| | |
|---------------------------|--|
| QUALITY | We hold a Quality Management Standard BS EN ISO 9001: 2008 for manufacturing. |
| CE | 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) | Packs Per Pallet |
|-----------------------|----------------|------------|-------------|----------------|------------------|
| Modular Roll G3 Touch | 50 | 1200 | 18000 | 21.60 | 24 |
| Modular Roll G3 Touch | 60 | 1200 | 15500 | 18.60 | 24 |
| Modular Roll G3 Touch | 70 | 1200 | 14000 | 16.80 | 24 |
| Modular Roll G3 Touch | 80 | 1200 | 11250 | 13.50 | 24 |

For more applications and product details, please visit www.isover.ie



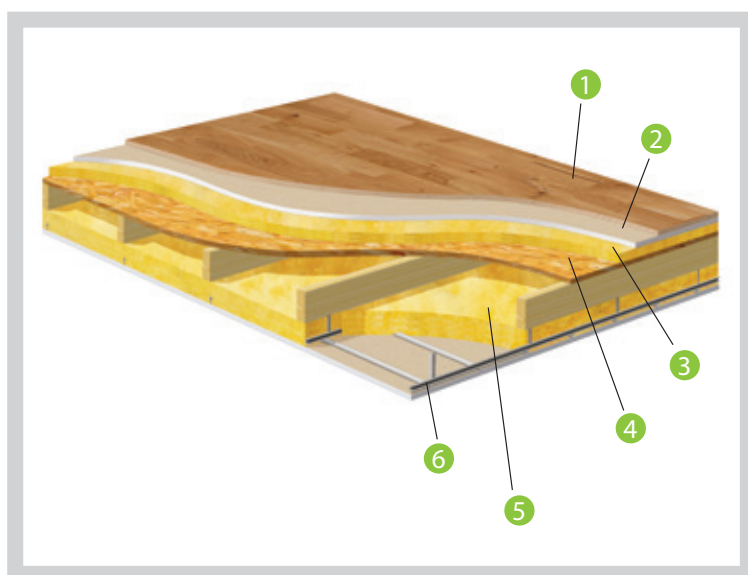
Modular Roll Applications

Timber Frame Twin Leaf Construction

| INSULATION | Gyproc Plasterboard | Lab sound insulation 100-3150 Hz, Rw dB | Fire Resistance (Mins) | Overall Thickness (mm) |
|--------------------------|-----------------------|---|------------------------|------------------------|
| 80mm ISOVER Modular Roll | 15mm Gyproc SoundBloc | 61 | 60 | 290 |

Seperating Floors-Timber

| INSULATION | Gyproc Plasterboard | Lab sound insulation 100-3150 Hz, Rw dB | Fire Resistance (Mins) | Overall Thickness (mm) |
|--------------------------|-------------------------|---|------------------------|------------------------|
| 80mm ISOVER Modular Roll | 12.5mm Gyproc Soundbloc | 66 Rw dB (airbone) 50 Lnw dB (Impact) | 30 | 376 |
| 80mm ISOVER Modular Roll | 15mm Gyproc SoundBloc | 66 Rw dB (airbone) 54 Lnw dB (Impact) | 60 | 381 |



Seperating 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 80mm ISOVER Modular Roll
- 6 Casoline MF ceiling suspended beneath joists to give a minimum 277mm cavity, lined with a double layer of 15mm Gyproc SoundBloc

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