

Application type	Thermal and Acoustic
Construction type	Pitched Roof Lofts

ROCKWOOL®

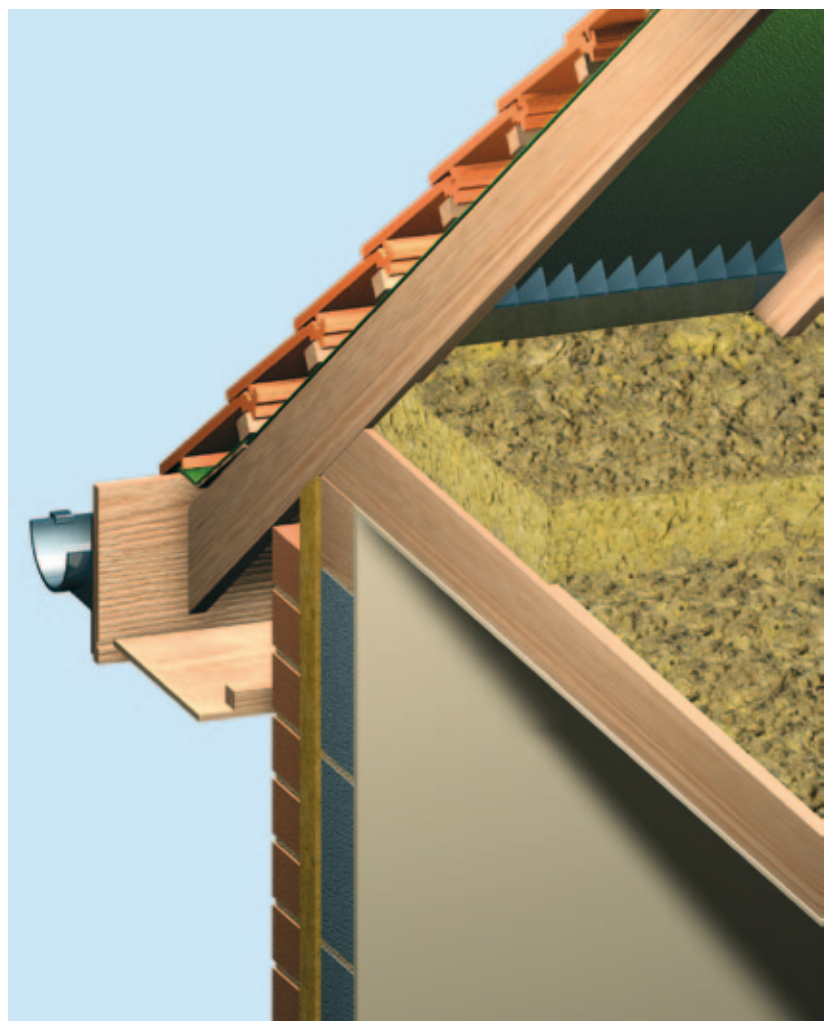
ROCKPRIME® Blown Loft Insulation

The quicker way to install loft insulation

ROCKPRIME® is a mechanically installed Rockwool blown loft granulate that offers quicker installation than roll and causes minimum disturbance to occupants. Unlike other loft insulation products, it also minimises thermal bridges.

Advantages

- Ideal for new and existing lofts
- Quicker to install than rolls
- No wastage
- Minimises thermal bridging
- Non-combustible (Euroclass A1)
- No settlement
- Does not rot or decay
- Improves the acoustic performance of the ceiling
- Not displaced by air movement in the loft
- Does not offer sustenance to vermin
- Installation by approved Rockwool installers



Description, performance and properties

Technical Information

For further details visit our website at

www.rockwool.co.uk

www.rockwool.ie

e-mail

customer.support@rockwool.co.uk

info@rockwool.ie

or phone

Customer Support on

+44 871 222 1780

+353 1891 1055

Standards and quality approvals

British Standards: BS EN 13162:2001

Thermal insulation products for buildings – Factory made mineral wool products – specification

Rockprime achieves a Kitemark: Certificate number KM 33106.

ROCKPRIME® Blown Loft Insulation can only be installed by qualified approved **ROCKPRIME**® installers.

Always check with Rockwool that a supplier or installer is a **ROCKPRIME**® Approved Installer. Approved installers will welcome this check.

Eire: +353 18911055 UK: +44 871 222 1780

Density

The nominal blown density of the product is 21kg/m³.



U-value performance

U-values based on 100mm insulation between joists with additional thickness over the top of the joists, allowing for 6.3% bridging, (38mm x 100mm timbers @ 600mm centres).

U-values (W/m ² K)	Total Insulation Thickness (mm)	Minimum mass per m ² (Kg)	Minimum number of bags of insulation per 100m ²
0.09	465	9.95	50
0.10	420	9.00	45
0.11	385	8.25	41
0.12	355	7.60	38
0.13	325	7.10	36
0.14	305	6.55	33
0.15	285	6.25	31
0.16	265	5.70	29
0.18	235	5.15	26
0.25	170	3.65	18
0.28	150	3.25	16
0.30	140	3.00	15
0.35	120	2.60	13
0.45	90	1.95	10

To obtain the thermal resistance shown, this material must be installed with both the minimum kg/m² and the minimum thickness.

As stated within the BSI report, Rockwool **ROCKPRIME**® has 0% settlement after installation.

Regulations

Prescribed requirements in U-values W/m²K for a horizontal loft space:

England and Wales (Part L 2006) –

Extensions, renovations and repair work: 0.16

New build: between 0.13 and 0.12 to achieve a 20 - 28% improvement in energy performance standards

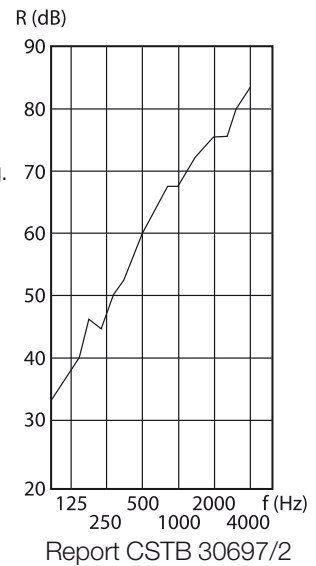
Republic of Ireland (Technical Guidance document L 2008 edition): 0.16

Scotland (SEDBUK - Part J): 0.16

Acoustic performance

ROCKPRIME® Blown Loft Insulation can improve the sound insulation of a building. 250mm of **ROCKPRIME**® Blown Loft Insulation, with an isolated 12.5mm suspended plasterboard ceiling, achieved >50dB airborne sound reduction in a tiled roof construction.

A typical tiled roof construction incorporating a plasterboard ceiling and insulated with **ROCKPRIME**® should achieve an airborne sound reduction of approximately 31dB.



Fire Classification

ROCKPRIME® Blown Loft insulation achieves an A1 classification in accordance with BS EN 13501-1 and is therefore Non-Combustible as defined in UK and Ireland Building Regulations.

Compatibility

Rockwool will not damage any metal components in the loft, nor plasticizer from PVC cables and pipes (See electrical cable notes).

Durability

ROCKPRIME® Blown Loft Insulation is a durable material. When installed it will not be affected by normal ventilation within the loft space and will remain an effective insulant for the lifetime of the building.

Because of its density, **ROCKPRIME**® Blown Loft Insulation will not suffer from wind displacement via air movement.

ROCKPRIME® Blown Loft Insulation is a completely inert, rot-proof material and does not encourage the growth of fungi, moulds and bacteria or offer sustenance to vermin.

Design

Loft Hatches: Existing loft hatch covers will also be insulated where necessary. To prevent disturbance of the blown insulation when gaining access and leaving the loft space, a Rockwool 'hatch box' is fitted around the joist/trimmers as shown.



It is recommended that a proprietary eaves ventilation protector is used. Please contact a manufacturer for further details.

Chimney breast: Due to the non-combustible properties of **ROCKPRIME** Blown Loft Insulation it can be installed up to and around the chimney breast.

Electrical cables: British Standard BS7671: 2008 provides guidance on the correction factors to be applied in down-rating covered cables according to cable rating, cable length and duty. Where possible, all cables should be lifted free of the insulation. More detailed information is available from Rockwool Customer Support.

Thickness: **ROCKPRIME** Blown Loft Insulation thickness is adaptable according to U-value requirements. A gauge is fixed to the joists to assist with measuring depth.



Packaging

ROCKPRIME Blown Loft Insulation is packaged in 20kg bags and is palletized for ease of handling and storage.

Health and safety

The safety of Rockwool mineral wool is confirmed by current UK and Republic of Ireland health & safety regulations and EU directive 97/69/EC; Rockwool fibres are not classified as a possible human carcinogen.

A Material Safety Data Sheet is available from Rockwool Customer Support (+44 0871 222 1780) to assist in the preparation of risk assessments, as required by the Control of Substances Hazardous to Health Regulations (COSHH).

Sustainability

As an environmentally conscious company, Rockwool promotes the sustainable production and use of insulation and is committed to a continuous process of environmental improvement.

Environment

Relying on entrapped air for its thermal properties, Rockwool insulation does not contain (and has never contained) gases that have Ozone Depleting Potential (ODP) or Global Warming Potential (GWP). Rockwool therefore complies with the relatively modest threshold of GWP<5 included in documents such as the Code for Sustainable Homes.

Rockwool Ltd is increasingly involved in recycling waste Rockwool material that may be generated during installation or at end of life.

Rockprime is classified in the BRE Green Guide as A+.

We are happy to discuss the individual requirements of contractors and users considering returning Rockwool materials to our factory for recycling.



Technical Information



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Rockwool Limited reserves the right to alter or amend the specification of products without notice as our policy is one of constant improvement.

The information contained in this data sheet is believed to be correct at the date of publication. Whilst Rockwool will endeavour to keep its publications up to date, readers will appreciate that between publications there may be pertinent changes in the law, or other developments affecting the accuracy of the information contained in this data sheet.

The above applications do not necessarily represent an exhaustive list of applications for **ROCKPRIME** Blown Loft Insulation. Rockwool Limited does not accept responsibility for the consequences of using **ROCKPRIME** Blown Loft Insulation in applications different from those described above. Expert advice should be sought where such different applications are contemplated, or where the extent of any listed application is in doubt.

ROCKWOOL®

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