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We are registered applicators of **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 & Properties

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

## Acoustic Performance

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

## Fire classification

Rockwool Blown Loft Insulation achieves a reaction to fire classification of A1 as defined in BS EN 13501-1.

## Design Details

It is essential that the Rockwool Blown Loft Insulation does not block the ventilation path from the eaves. It is also desirable that the loft insulation links to the wall insulation. The method of obtaining these two requirements will vary depending on building design and whether it is new-build or refurbishment. The following suggestions are for guidance only and each individual building will require separate assessment.



## Compatibility

Rockwool will not damage any metal components in the loft, nor plasticiser from PVC cables and pipes

## Durability

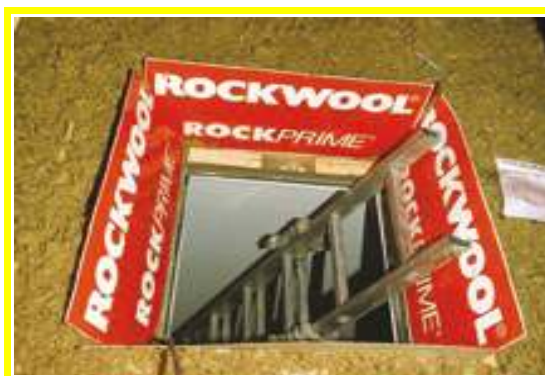
ROCKPRIME Blown Loft Insulation is a durable material. When installed it will not be affected by normal ventilation within the loft space and will remain an effective insulant for the lifetime of the building.

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:** The IEE wiring regulations (BS.7671:2001) and the current edition of the Electricians Handbook give guidance on the correction factors to be applied in down rating cables according to the situation. Each case should be calculated separately.

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.



### Health and safety

Current HSE 'CHIP' Regulations and EU directive 97/69/EC confirm the safety of Rockwool mineral wool. Rockwool fibres are not classified as a possible human carcinogen. The maximum exposure limit for mineral wool is 5mg/m<sup>3</sup>, 8 hour time-weighted average. A Material Safety Data Sheet is available from the Rockwool Marketing Services Department to assist in the preparation of risk assessments, as required by the Control of Substances Hazardous to Health Regulations (COSHH).

### 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 disposal, and has a recycling scheme that is recognised by WRAP and the Environment Agency.

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

