



# Cladding Roll

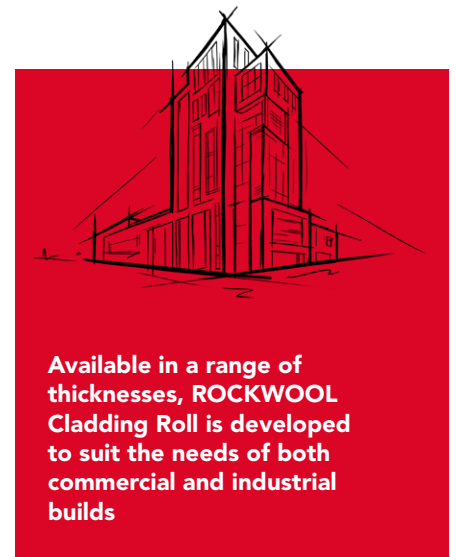
## Insulation for metal twin skin systems

Specifically developed to suit commercial and industrial framed buildings, ROCKWOOL Cladding Roll is a lightweight flexible mat which delivers a combination of thermal insulation and acoustic absorption.

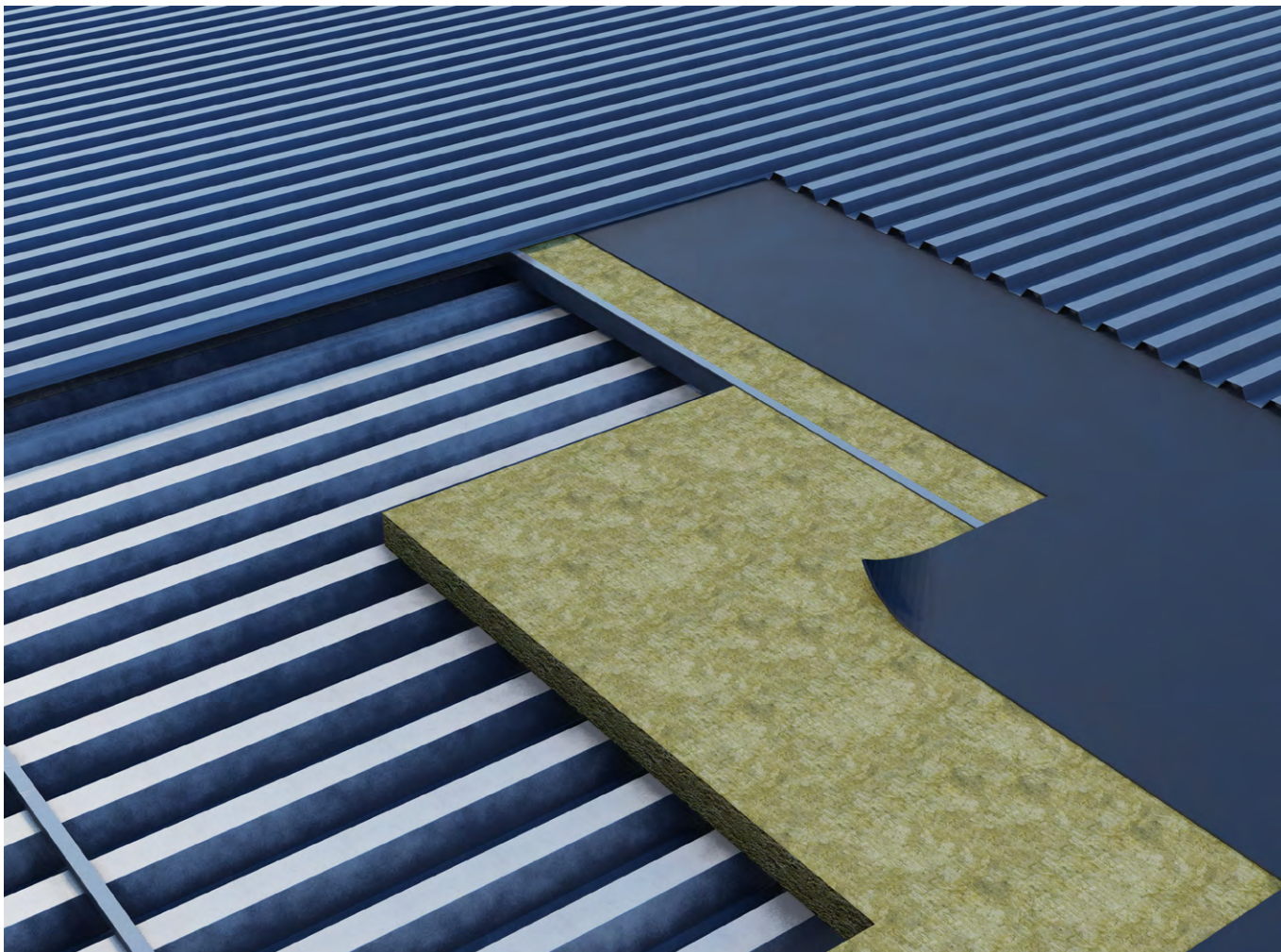
Manufactured from stone wool, ROCKWOOL Cladding Roll achieves Euroclass A1 and is non-combustible.

The product can be supplied with an aluminium facing for additional tensile strength.

- Non-combustible Euroclass A1
- Water repellent
- Chemically inert
- Thermal insulation
- Non-directional fibre orientation and density traps sound waves and dampens vibrations



# Cladding Roll



## APPLICATIONS

ROCKWOOL Cladding Roll is principally designed for use in lightweight cladding applications in commercial or industrial framed buildings.

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## PERFORMANCE

### Fire performance

ROCKWOOL Cladding Roll (unfaced and aluminium faced) achieves a reaction to fire classification of A1 as defined in BS EN 13501-1.

### Acoustic performance

Tests have shown that with suitably designed constructions excellent sound reduction can be achieved.

A 0.4mm thick lining sheet and 0.55mm outer sheet filled with 100mm Cladding Roll achieved  $R_w$  37dB. This can be increased to  $R_w$  38dB by including an air space between the insulation and the outer sheets.

*Please note: The  $R_w$  figure will alter with the profile and construction.*

### Thermal

The U-values shown in the tables below are based on ROCKWOOL Cladding Roll used within Euroclad Elite twin skin systems.

Cladding Roll Walls		Cladding Roll Roofs	
U-Values W/m <sup>2</sup> K	Thickness range (mm) (pending system type)	U-Values W/m <sup>2</sup> K	Thickness range (mm) (pending system type)
0.28	150	0.25	180 - 220
0.26	160 - 180	0.20	220 - 240
0.24	180	0.18	260 - 280
0.22	200	0.16	320
0.20	220	0.15	340 - 360

## PRODUCT INFORMATION

Property	Description
Length	Varies by thickness
Width	1200mm / 1000mm foiled
Thickness	Please see current price list for thickness availability.
Thermal conductivity	0.040 W/mK

## STANDARDS AND APPROVALS

Certificate
CE marked to BS EN 13162:2012+A1:2015 'Factory made mineral wool (MW) products'



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## INSTALLATION

Plain Faced Cladding Roll is recommended for use in roofing applications.

Foil Faced Cladding Roll is recommended for use in vertical applications and should be installed with the foil facing towards the inner liner.

Further installation advice should be sought from the cladding system manufacturer.

## SPECIFICATION CLAUSES

Cladding Roll is associated with the following NBS clauses:

<b>H30/10 Fibre cement profiled sheet cladding / covering</b>
40 Thermal Insulation
311 Mineral wool thermal insulation
<b>H31 Metal profiled / flat sheet cladding / covering</b>
254 Acoustic Insulation
271 Mineral wool thermal insulation



# Cladding Roll

## BUILDING SAFETY AND PRODUCT USE

### LEGAL NOTICES

#### General safety requirements – Building Safety Act 2022

ROCKWOOL Limited is committed to supporting specifiers, resellers and users of ROCKWOOL products for the full life cycle of the product to comply with the obligations and responsibilities set out in the Building Safety Act 2022. With regard to the general safety requirements of the Act, ROCKWOOL Limited cannot control or foresee every situation where its products might be used. We therefore strongly advise that specifiers, resellers and users contact us where use of ROCKWOOL products is contemplated in applications different from those explicitly described in the latest, relevant ROCKWOOL product datasheets; especially in applications that can be reasonably foreseen as critical to safety.

ROCKWOOL Limited reserves the right to amend the specification of its products without notice. Changes to the ROCKWOOL manufacturing process, or to pertinent regulations, may be reflected in changes to tested and certified product performance. Whilst ROCKWOOL Limited endeavours 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 our publications.

ROCKWOOL Limited does not accept responsibility for the consequences of using (including testing or certifying) its products in applications different from those explicitly described in the relevant ROCKWOOL product datasheets. Expert advice should be sought, and ROCKWOOL Limited should be contacted, where such different use is contemplated, or where the extent of any use described by ROCKWOOL Limited is in doubt.

#### The ROCKWOOL Trademark

ROCKWOOL® - our trademark

The ROCKWOOL trademark was initially registered in Denmark as a logo mark back in 1936. In 1937, it was accompanied with a word mark registration; a registration which is now extended to more than 60 countries around the world.

The ROCKWOOL trademark is one of the most important assets of the ROCKWOOL Group, and is therefore well-protected and defended by ROCKWOOL throughout the world.

If you require permission to use the ROCKWOOL logo for your business, advertising or promotion, you must apply for a Trade Mark Usage Agreement.

To apply, write to:  
[marketcom@rockwool.com](mailto:marketcom@rockwool.com)

#### Trademarks

Registered trademarks of the ROCKWOOL Group include but are not limited to:

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#### Photography and illustrations

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To apply, write to:  
[marketcom@rockwool.com](mailto:marketcom@rockwool.com)

# Cladding Roll

## ROCKWOOL stone wool - safe to install and live alongside

There are no hazardous classifications associated with stone wool insulation manufactured by ROCKWOOL-UK according to EU REACH and UK REACH regulations on health and the environment.

ROCKWOOL safe use instruction sheets and material safety data sheets (where applicable) can be downloaded [here](#).



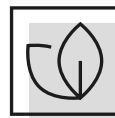
### Sustainability

ROCKWOOL products are used to enrich modern living, creating safer, healthier and more climate-resilient communities.

We transform abundant, natural volcanic rock into stone wool insulation products that are used to reduce energy demand, lower fuel bills and help address society's climate change challenges.

ROCKWOOL stone wool insulation is recyclable and can be transformed into new ROCKWOOL products. Please contact us for details of how we can work together to recycle waste ROCKWOOL stone wool material that may be generated during on-site installation.

Our annual sustainability reports, which set out progress against our sustainability goals, and further details of the positive impacts of using our products can be found on our website.



### Environment

ROCKWOOL takes a fact-based, auditable approach to documenting our progress in maximising our products' positive impact and minimising the effect our operations have on the environment, backed by third-party references and methodologies. Further details can be found online in our annual sustainability report.

Our high-tech production process uses filters, pre-heaters, after-burners and other cleaning and collection systems that help to reduce the effects of our manufacturing operations on the environment.

ROCKWOOL stone wool insulation does not contain (and has never contained) gases that have ozone depletion potential (ODP) or global warming potential (GWP).

