

## FLEXIBLE ROCK SOLUTIONS FOR BUILDINGS

PROVEN PERFORMANCE WITH ECOSE® TECHNOLOGY



**ECOSE® Technology is our unique bio-based binder which is used in the manufacture of our Rocksilks® Building Slabs and Flexible Slabs.**

Our Mineral Wool made with ECOSE® Technology contains no added formaldehyde or phenol.

This means our insulation generates very low levels of dust, increasing the comfort of those handling it. ECOSE® Technology makes our insulation soft to touch and easy to handle.

It is made from natural raw materials that are rapidly renewable and is 70% less energy intensive to manufacture than traditional binders, so it is kinder to the environment too.



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# FLEXIBLE ROCK SOLUTIONS FOR BUILDINGS

## Rocksilk® Building and Flexible Slabs



For illustrative purposes only

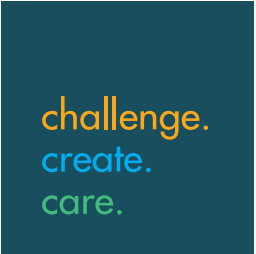
Application	Rocksilk® Flexible Slab	Rocksilk® Building Slab
Pitched roof rafters	✓	✓
Intermediate and internal floors	✓	✓
One hour floor upgrade	✓	-
Internal walls and partitions	✓	✓
External timber frame walls	✓	✓
Ground floors (suspended timber)	✓	✓
Light steel frame walls	✓	✓
Fabrication	✓	✓

- ✓ Suitable product
- ✓ Optimum product

### CERTIFICATION

Our Rock Mineral Wool products made using ECOSE® Technology have the best possible Eurofins Gold Certificate for Indoor Air Comfort. Contributing to a high level of indoor air quality and providing a strong endorsement of the enhanced environmental performance of our product range.

Rocksilk® RS45 and Flexible Slab both have the best possible non-combustible Euroclass A1 reaction to fire classification, meaning they will not contribute in any stage of the fire, including the fully developed fire.



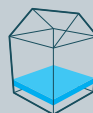
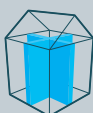
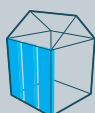
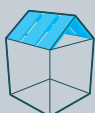


## ROCKSILK® BUILDING SLABS



### BENEFITS

- ✓ Excellent thermal performance.
- ✓ Non-combustible Euroclass A1 reaction to fire classification.
- ✓ Excellent sound absorption characteristics provide high levels of sound reduction.
- ✓ Multi-purpose product range which can be used to insulate a wide range of applications on site.

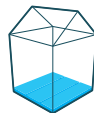
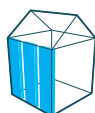


## ROCKSILK® FLEXIBLE SLABS



### BENEFITS

- ✓ Excellent thermal performance.
- ✓ Non-combustible Euroclass A1 reaction to fire classification.
- ✓ Excellent sound absorption characteristics provide high levels of sound reduction.
- ✓ Multi-purpose product which can be used to insulate a wide range of applications on site.
- ✓ Flexible on all four sides for quick and simple installation.



## ONE HOUR FLOOR UPGRADE

Where the loft of a two story house is converted into habitable accommodation, the floor to the new rooms must have 30 minutes fire resistance.

Rocksilk® Flexible Slab has been tested to achieve up to **60** minutes fire resistance.

