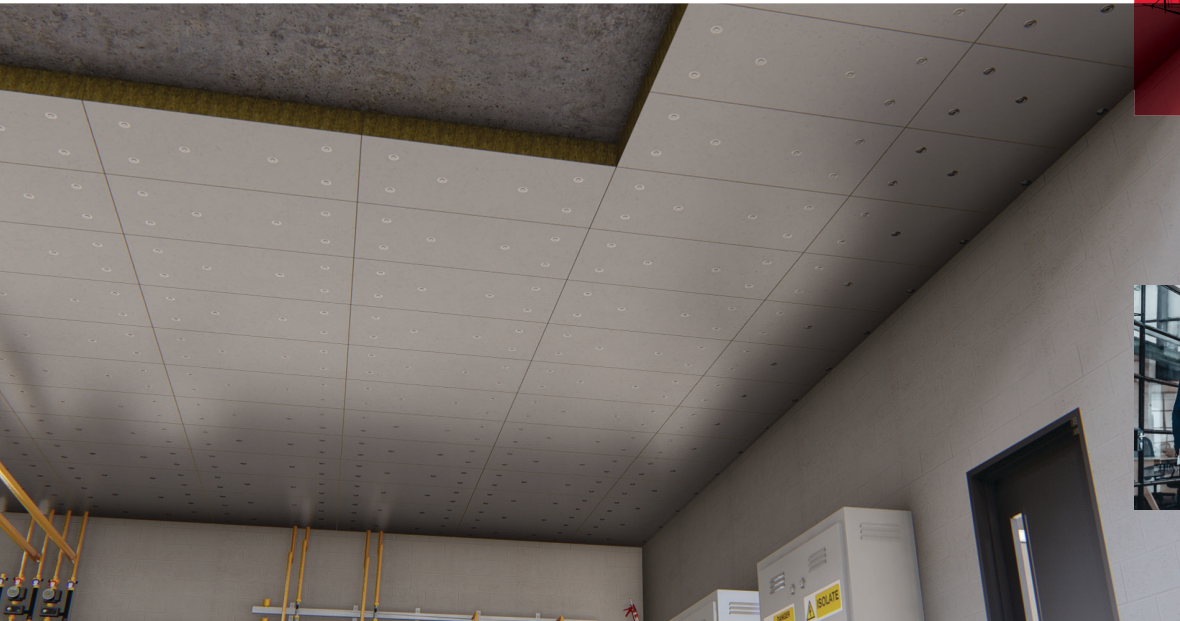


# Comfort Liner



## General Product Information

ROCKWOOL stone wool products are made of basalt, a volcanic stone, which is the world's most abundant natural resource.

ROCKWOOL stone wool products are non-combustible with a melting point approximately 1000°C. They are particularly suitable for thermal insulation, fire protection and sound reduction or absorption.

ROCKWOOL stone wool is inorganic and contains no nutritious substance. Therefore it will not be attacked by microorganisms. Stone wool will not rot and does not attract vermin.

No CFCs, HFCs, HCFCs, or asbestos are used in the manufacture of ROCKWOOL stone wool products.

## Applications

ROCKWOOL Comfort Liner is designed and manufactured for concrete soffits insulation to offer important thermal and acoustic benefits to the building occupants in today modern buildings design where multiple functional spaces are collocated. Comfort Liner thermal performance are recommended for building condensation control of concrete soffit where there are noticeable temperature differences between 2 adjacent

spaces. An example for this would be in healthcare, car parks in commercial buildings, data center, buildings with air conditioned server room or cold storage facilities. Comfort Liner also has the capability to provide acoustic insulation and noise absorption between floors to get the desired acoustic comfort level for different functional spaces that coexisted within same buildings.

Comfort Liner product comes in the form of slabs which ease the soffit installation through butting and joints. It also come with various thickness to suit the site installation requirements

## Facings

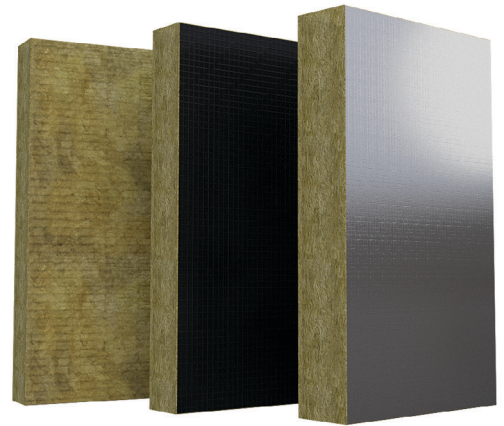
Comfort Liner available as plain products, foil facing or glass tissue on one side or two-sided as well as overlay flange to meet the installation and aesthetic needs to match the desired soffit design and color schemes. For more information, please contact our local representatives.

## Packaging and Storage

ROCKWOOL Comfort Liner is shrink-wrapped in polyethylene sheets for ease of handling, transportation, storage and identification. Products should be stored indoors or under waterproof covering.

# Comfort Liner SSL950

Property	Standard	
*Thermal Conductivity 20°C λ Value (W/mK)	0.034	ASTM C518
R-value at 50mm thickness thickness (m2K/W) Water	1.47	
Noise Absorption Co-efficient at 50mm (NRC)	1.00	
Fire Performance	A1, Non-combustible	EN 13501-1
Melting Point	More than 1000°C	ASTME 794
Water Absorption (partial immersion)	0.5kg/m2	EN ISO 29767
Water Repellence	99%	GBT10299
Water Vapor Absorption	Less than 0.04 Vol %	ASTM C1104/ C1104M
Form factor	Slab	
Thickness	50, 75, 100mm	EN822
Width x Length (mm)	600 x 1200	EN822



\* Lamination products are tested and passed the BS476 Part 6 & 7.

\* Thermal conductivity values are based on testing conducted in external accredited laboratory in accordance to ASTM C518 : 1991. Test reports are available upon request. For design, it is recommended to use a safety factor of 20% as design value.

## Sound absorption coefficient at different Octave Band (50mm thickness)

Product	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC	$\alpha_w$
<b>Comfort Liner SSL950</b>	0.20	0.75	1.00	1.00	1.00	1.00	1.00	1.00

## Applications



### Condensation Prevention:

Recommended for healthcare centre, commercial buildings car parks, data center/ server rooms, cold storage, etc.



### Thermal Comfort & Energy Savings

Recommended for soffit below the floor that exposed to sunlight e.g. sky garden at commercial building or residential condominium or regulated temperature warehouses, etc.



### Acoustic Comfort & Health Safety

Recommended for generator/machine/ room of commercial buildings, indoor space with vehicle movement e.g. warehouses or transportation depot, etc.

# Facing Options

Comfort Liner facing products are available in multiple options to meet the application requirements and site aesthetic needs.

Facing Options	Example & Details	Aluminium Foil Facing	Black Matt Tissue Facing
Single Side Facing with Overlay on 1 side length		✓	✓
Single Side Facing with Overlay on 1 side length and 1 side width		✓	✓
Single Side Facing with Overlay on 1 side width		✓	✓
Double Side Facing with Overlay on 2 same side width		✓	✓
Five side Facing	<p>Top View</p> 	N/A	✓
	<p>Bottom view</p> 		

- Notes:
- Standard overlay dimension is 25/50mm.
  - For non-standard sizes, please consult with your nearest ROCKWOOL office for the availability of facing and dimension requirements

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Note: EUCEB  
only applicable  
for products  
produced in  
India & Malaysian  
factories

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