

# Conlit Steelprotect Board

Fire protection for steel and concrete structures

**INSPIRED  
BY  
NATURE.**



## Product description

Conlit Steelprotect Board is a fire-resistant stone wool board with very high density. The board is available either plain or with a fibreglass-reinforced aluminium facing on one side.

## Application

Conlit Steelprotect Board has been specially developed for the fire-resistant cladding of steel and concrete structures.

# Conlit Steelprotect Board

## Fire protection for steel and concrete structures

### Product benefits

- Simple to work with, easy to cut and fit to size for the professional;
- Lightweight and easy to handle;
- Water-repellent – convenient when mounting in an open construction situation;
- Specific Conlit Screw and Conlit Fix available;
- Excellent thermal insulation, not subject to shrinkage or expansion, preventing thermal leaks. No thermal ageing, meaning constant insulation performance throughout the life time of the building;
- Produces virtually no smoke and no toxic gases during a fire;
- Highly sound-absorbent and improves the acoustic insulation of a structure;
- Environmentally friendly, natural material, fully recyclable; Makes a significant contribution to the sustainability of buildings;
- Chemically neutral and does not cause or promote corrosion;
- Not a breeding ground for fungi.

### Product range

Thickness (mm)*	Length (mm)	Width (mm)
15	1.800	900
20	1.800	1.200
25	1.800	1.200
30	1.800	1.200
35	1.800	1.200
40	1.800	1.200
50	1.800	1.200

\* Other thicknesses/versions on request

### Service product: Conlit Screw

Conlit Screw is a spiral screw for fastening Conlit Steelprotect Boards together.

Conlit Screw is available in lengths of 40, 65 and 90 mm. The Conlit Screw is easy to apply with a cordless drill. A free bit is included with every pack of Conlit Screw.

### Technical information

	Value	Standard
Coefficient of thermal conductivity	$\lambda_{10} = 0,040$ (W/m.K)	EN 12667
Euro fire class	A1	EN 13501-1 (naked)
Fire resistance steel	Fire resistance from 30 to 240 minutes	EN 13381-4
Fire resistance concrete	Fire resistance from 30 to 120 minutes	EN 13381-3
Water absorption	WS ( $\leq 1$ kg/m <sup>2</sup> )	EN 1609
Compressive strength	55 kPa at 10% deformation	EN 826

## Fire resistance

Test methods for determining the contribution to the fire resistance of construction components:

Passive protection applied to steel structural parts: EN 13881-4

Passive protection applied to concrete structural parts: EN 13881-3

## Handling

Various details must be taken into account when applying fire-resistant cladding to steel or concrete structures. For example, the board thickness depends on the predetermined critical steel temperature, duration, type of profile and cladding method. For more information, take contact with our technical service.



## Services

### Technical advice

You can contact our specialists for advice on building regulations, thermal calculations, details, product applications, use and topical issues such as energy efficiency, fire safety, circularity and acoustics. Our technical specialists would be happy to consult with you at an early stage in order to find the optimal insulation solution for your project.

[rockwool.nl/technischadvies](https://rockwool.nl/technischadvies) · [rockwool.be/contact](https://rockwool.be/contact)

### Pallet return service

Don't leave empty pallets lying around on the construction site – have them collected for free with our pallet return service.

[rockwool.nl/palletretourservice](https://rockwool.nl/palletretourservice) · [rockwool.be/palletretourservice](https://rockwool.be/palletretourservice)

### Rockcycle®

With Rockcycle we help you collect stone wool residues from the construction site for recycling and further logistical treatment.

[rockwool.nl/rockcycle](https://rockwool.nl/rockcycle) · [rockwool.be/rockcycle](https://rockwool.be/rockcycle)



## Tools

### Specification service

Download the specifications you need with the free online ROCKWOOL specification service.

[rockwool.nl/bestekservice](https://rockwool.nl/bestekservice) · [rockwool.be/bestekservice](https://rockwool.be/bestekservice)

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