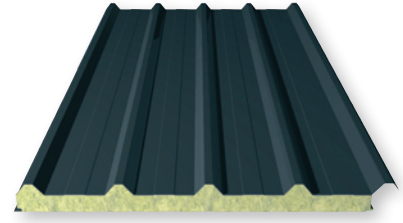


# VULCASTEEL ROOF

COMPOSITE ROOF PANEL

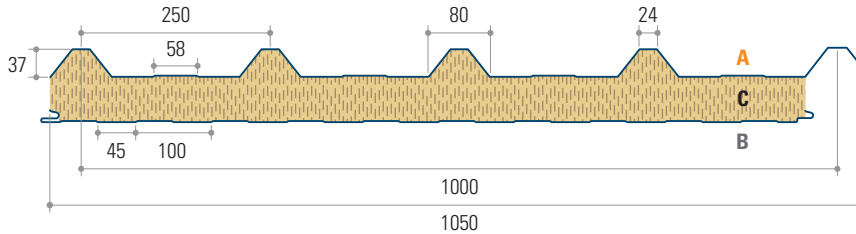


PRODUCT SPECIFICATION

## APPLICATION

The Vulcasteel Roof is an insulated roof panel used for pitched metal roofs. Due to its metal inner and outer sheet, this panel can combine thermal resistance and big spans. The minimal pitch for its application is 8°.

This panel is often used in public and industrial buildings. The mineral wool insulation core permits the roof of being inflammable, having a high resistance to fire and a great acoustic. An additional option is to have a flat inner sheet.



## THERMAL CHARACTERISTICS

Core Thickness (mm)	50	60	80	100	120	140	160	180	200
U-Value (W/m <sup>2</sup> .K)	0,75	0,64	0,50	0,40	0,34	0,30	0,26	0,23	0,21
Weight (kg/m <sup>2</sup> )	15,50	16,00	18,00	20,00	22,00	24,00	26,00	28,00	30,00

U-values calculated in accordance with the method required by Part L2 (England and Wales) Building Regulations and Section 6 (Scotland) Technical Handbooks.

## PRODUCT TOLERANCES [EN 14509]

Length (mm)	L < 3000 mm : -5 mm L > 3000 mm : -10 mm	L < 3000 mm : +5 mm L > 3000 mm : +10 mm
Width (mm)	-2 mm	+2 mm
Thickness (mm)	-2 mm	+2 mm

## LENGTHS

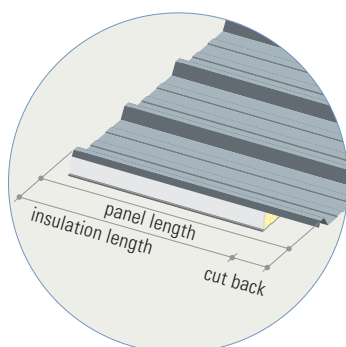
The Vulcasteel Roof is available from 1.600 mm until 14.000 mm. Other lengths are available upon demand.

## ACOUSTIC

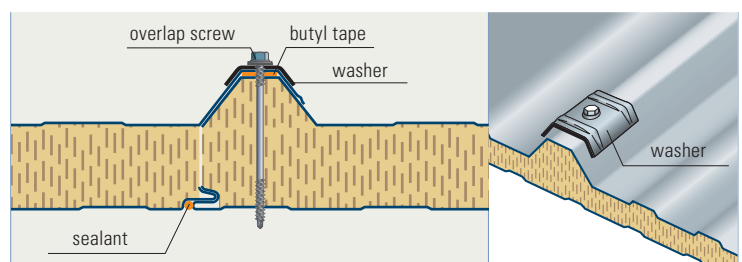
The inner sheet can be perforated which allows a minimal sound reduction of 32 dB.

## CUT BACK

The cut back can be 0 mm or 80 mm up to 300 mm.



Please specify panel length and insulation length.  
Min. insulation length: 1,60m  
Max. sheet length: 14m.  
Cutback: 0 or min. 80mm, max 300 mm.



# VULCASTEEL ROOF

## COMPOSITE ROOF PANEL

### MATERIALS

#### Steel sheet

S280GD : Z275 – ZA265 (Zink-Aluminum alloy)

#### Coatings – Outer sheet\*

- PE 25 μ
- PUR 35 μ
- PVDF 25 μ
- PUR 50 μ - 60μ
- Plastisol 200 μ HP
- Plastisol 200 μ HPS

#### Coating – Inner sheet

- PE 15 μ
- PE 25μ
- Foodsafe
- Colorfarm 35μ

\* Please consult us for our colorflow

#### Insulation core

Mineral fibre wool.

### FIRECLASS [EN 13501-1]

A2-s1, d0

### FIRE RESISTANCE

80	120
REI 60	REI 120

### PACKAGING

The panels are packed horizontally on a wooden pallet. The top and bottom of the pack is protected by polystyrene blocks to prevent damage due to handling. The number of panels per pallet depends upon the core thickness of the panel.

Core Thickness (mm)	50	60	80	100	120	140	160	180	200
Panels / Pallet **	10	9	7	6	5	4	4	3	3

\*\* Amount reduces when panels are transported by container

### QUALITY

The Joris Ide products are manufactured complying to the ISO 9001 Standards. The material which are processed are from high quality and were chosen on basis of different criteria to match our customer's expectations. Joris Ide proudly obtained the EPAQ-label, which is the European Quality Assurance Association for Panels and Profiles. All our products also have the CE-mark.

### CONTACT

division.export@joriside.be

+32 (0) 51 61 07 77 - F. +32 (0) 51 61 07 79

www.joriside.com

NV JORIS IDE SA - HILLE 174, B-8750 ZWEVEZELE, BELGIUM - VAT BE 0450.452.063, RPR/RPM BRUGES - BIC: GEBABEBB - BANK ACCOUNT: 280-0296453-58  
IBAN: BE 95 2800 2964 5358

