

SVK

NEPTUNUS

Corrugated sheets



'building excellence'



SVK fibre-cement corrugated sheets are the ideal covering for the roofs of all warehouses, industrial and agricultural buildings.

If you want superior quality, use the strongest corrugated sheet.

Choose the security, speed and reliability of Neptunus fibre-cement corrugated sheets.



Choose the best sheet !

Make your choice

Our corrugated sheets have a double layer water-based acrylic coating with additives to offer extra protection against the growth of moss.

Please note that the demonstrated colours are only an approximate display of the real corrugated sheet colours. Free samples can be obtained on request.



333 black



335 red-brown



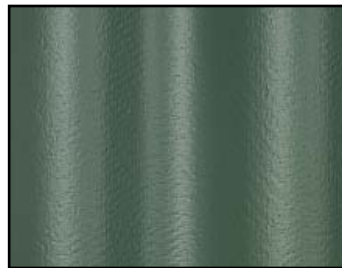
340 terracotta



345 cloud-grey



353 manganese brown



337 bronze-green



336 blue-black



Why choose Neptunus corrugated sheets ?

- **Best raw materials**

SVK are leading Belgian manufacturers of fibre-cement corrugated sheets. We exclusively use specially selected high-quality fibres to ensure we deliver the highest quality. Only the best raw materials are used to obtain the strongest corrugated sheet. Our corrugated sheets are made to withstand the toughest weather conditions.

- **Double-pressed**

Our fibre-cement corrugated sheets benefit from the use several layers of strong fibre-cement material to achieve the desired sheet thickness. The sheets are then pressed twice under extreme pressure to guarantee a superior product. The unique second pressing is what makes SVK corrugated sheets so distinctive and makes them extremely strong and durable.

- **Pre-grooved mitres**

At the four corners our corrugated sheets are pre-grooved, based on a minimal standard end lap of 20 cm. Thanks to this preparation the mitres can be cut by hand, hammer or a set of pliers.

- **One type for two covering systems**

Thanks to the four pre-grooved corners you need only one sheet type for different covering systems. With SVK corrugated sheets 'you' are the one who decides how the roof is covered. 'Classical', against the predominant wind direction, or 'round', from right to left.

- **Wide range of colours and sizes**

Neptunus corrugated sheets can be obtained in black, blue-black, red-brown, bronze-green, terracotta, cloud-grey and manganese brown.

The following lengths are available: 1,220 – 1,250 – 1,525 – 1,585 – 1,830 – 2,135 – 2,440 – 3,050 m.

- **Rust-free**

There is absolutely no metal used in SVK fibre-cement corrugated sheets. This means they cannot possibly rust. This is a unique benefit over traditional steel sheets which are prone to rust when the protective layer is damaged or perforated. There is no doubt at all that our Neptunus corrugated sheets have a longer durability.

- **Vapour permeability : keeping your flocks and herds warm and dry**

You do prefer to keep your building dry inside, don't you? Neptunus offers you the right solution thanks to the fact that our corrugated sheets are vapour-permeable. Thanks to their pore structure the sheets absorb the vapour inside the building. They absorb the humidity and gradually dissipate it into the open air.

With Neptunus corrugated sheets you will never see condensation drips at the bottom of your sheets again.

- **Sound insulation**

The noise of heavy rain or hail is highly reduced by Neptunus corrugated sheets. This is another unique advantage SVK fibre-cement sheets have over metal sheets, which cause enormous noise problems.

Neptunus corrugated sheets contribute to a nice living atmosphere for people and their animals.

- **We care about your safety**

Every craftsman appreciates Neptunus corrugated sheets because of their waffled anti-slip structure. Together with the reinforcing polyethylene strip they heavily reduce the risk of accidents.

Product data

The best raw materials

SVK Neptunus corrugated sheets are profiled **double-pressed** fibre-cement sheets suitable for roof covering. They are manufactured on the basis of a homogenous mixture of Portland cement, organic fibres, a selection of mineral additives and water. A polyethylene reinforcement strip is inserted in every corrugation.

For various applications

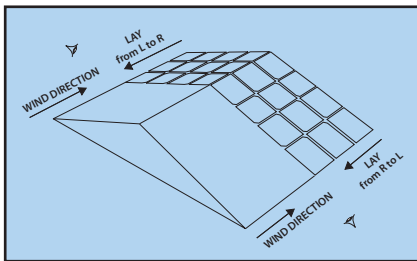
Neptunus corrugated sheets are suitable for agricultural and industrial buildings, halls, warehouses etc.

Advantages of pre-grooved mitres

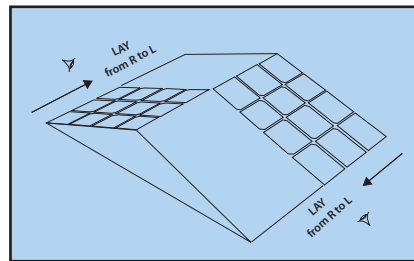
At the back, Neptunus corrugated sheets are slightly pre-grooved taking into account a minimum standard end lap of 20 cm. Both types of lay can be carried out with one type of sheet: "classical", against the predominant wind direction, or "round", always from right to left. Depending on the chosen type of lay, you can easily cut off the required mitres by hand, or by means of a suitable tool.

In fact, there are three important benefits:

1. The craftsman saves a lot of time and consequently a lot of money, which reduces the cost for the customer as well
2. There is no need to pre-calculate the number of sheets with and without mitres
3. The dealer needs to stock only one corrugated sheet type.



Classical lay



Round lay

Dimensions

Corrugation width	177 mm
Corrugation height	51 mm
	Category C according to EN 494
Nominal thickness	6,5 mm
Nominal width	1090 mm
Net covering width	1048 mm
Number of corrugations	6 ^{1/4}
Length	1220, 1250, 1525, 1585, 1830, 2135, 2440 and 3050 mm

Tolerances

Length	+10 mm and -10 mm
Width	+10 mm and -5 mm
Thickness	+0,6 mm and -0,6 mm
Squareness	≤ 6 mm/m

Weight

Length (mm)	1220	1250	1525	1585	1830	2135	2440	3050
Weight (kg)	19,54	20,06	24,48	25,40	29,40	34,24	39,18	48,94

Mechanical characteristics

- Minimum breaking load per meter width for a span of 1,1 m: ≥ 4250 N/m according to EN 494, art. 5.3.3.1: class 1 (= best class)
- Deflection: $< 16,6$ mm according to EN 494, art. 5.3.3.2
- Bending moment per meter length with longitudinal deflection of the corrugated sheet: ≥ 55 Nm/m according to EN 494, art. 5.3.3.3: class X (= best class)
- E-modulus: ca. 10000 N/mm²

Physical properties

- Density: $\rho \geq 1400$ kg/m³ according to EN 494, art. 5.3.2
- Thermal conductivity: $\lambda = 0,37$ W/mK
- Water absorption: approx. 25 weight percent

Additional assets

- **Guarantee**

Please contact our Sales Department for your comprehensive guarantee certificate.

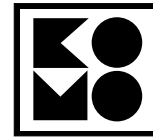
- **Ecologically sound**

The double layer of coating on the front side of the sheets is water-based.
No aggressive solvents are used, which is good for our environment.

- **Certificates**

Our corrugated sheet products are produced to the highest international standards.
We have achieved the following internationally recognised standards:

- Europe: CE marking ;
According to EN 494 (type NT, class C1X)
- Belgium: BENOR standard
- Netherlands: KOMO certificate with product certificate number K2485
- France: NF certificate and AVIS TECHNIQUE
- Germany: Allgemeine bauaufsichtliche ZULASSUNG



- **Excellent service**

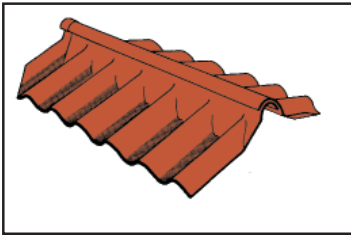
We pride ourselves on delivering excellent Customer Service.
We deliver your orders in a timely and efficient manner.

- **SVK 100 years of experience**

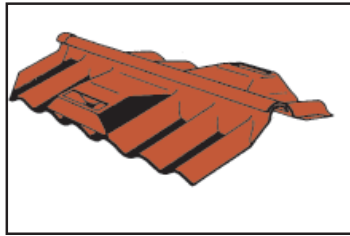
SVK has produced top quality building materials for more than a century.
Take advantage of our experience!

Additional benefits

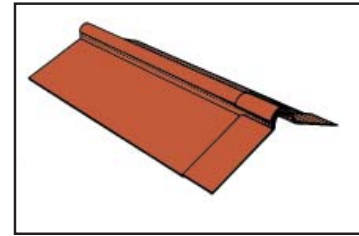
Our wide range of fibre-cement accessories can be used for all commonly used junctions and finishings. You will find a complete description of our accessories in the technical section of our website www.svk.be.



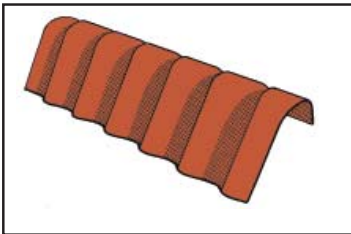
Two-piece close fitting ridge cover



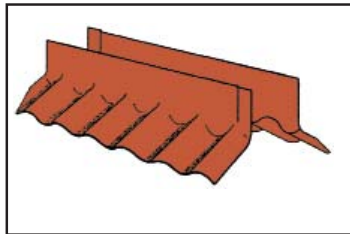
Two-piece ventilating ridge cover



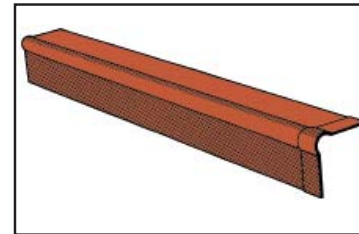
Two-piece plain wing ridge cover



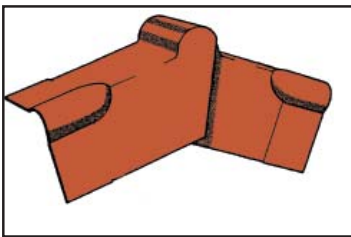
Universal L-shaped ridge



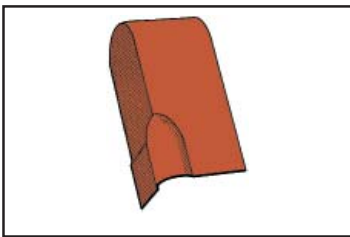
Open ridge



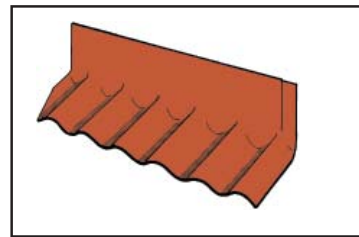
Roll top bargeboard



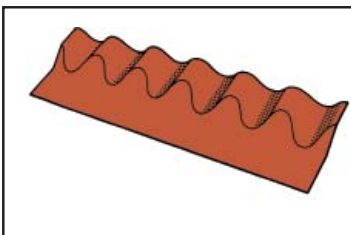
Hooded two-piece ridge finial



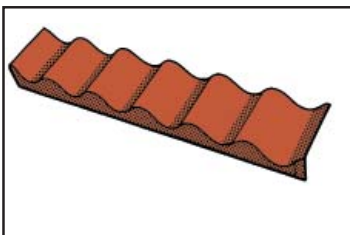
Universal L-shaped ridge finial



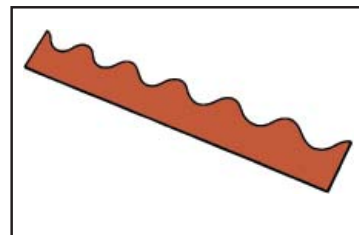
Apron flashing piece



Eaves filler



Eaves corrugation closure



Plain corrugation closure



'building excellence'