

The ideal corrugated sheet exists!

With Profile S6 corrugated sheets, agricultural or industrial buildings will be optimally protected thanks to a dense, durable, and easy-to-install covering material.

Profile S6 corrugated sheets offer all the qualities needed to guarantee a perfect result.

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WHY CHOOSE PROFILE S6 CORRUGATED SHEETS?

An investment that will benefit generations to come

The very best raw materials

Profile S6 sheets, containing meticulously selected high-quality fibres, protect buildings against the most severe weather conditions.

Double-compressed sheets

SVK compresses several fibre-cement layers until the desired thickness is obtained, guaranteeing maximum durability. In addition, the sheets are compressed a second time under very high pressure. The result: a unique and very dense sheet that could not be more durable.

A healthy environment

Noise protection

Profile S6 sheets contribute in creating a pleasant working and living environment for his building's occupants. Even during driving rain or hail storms, unwelcome noises are kept down to a minimum by the sheet's sound insulating properties.

Humidity regulator

The sheets are designed to absorb any excess humidity caused by condensation and release it when conditions are more favourable.

Easy to install

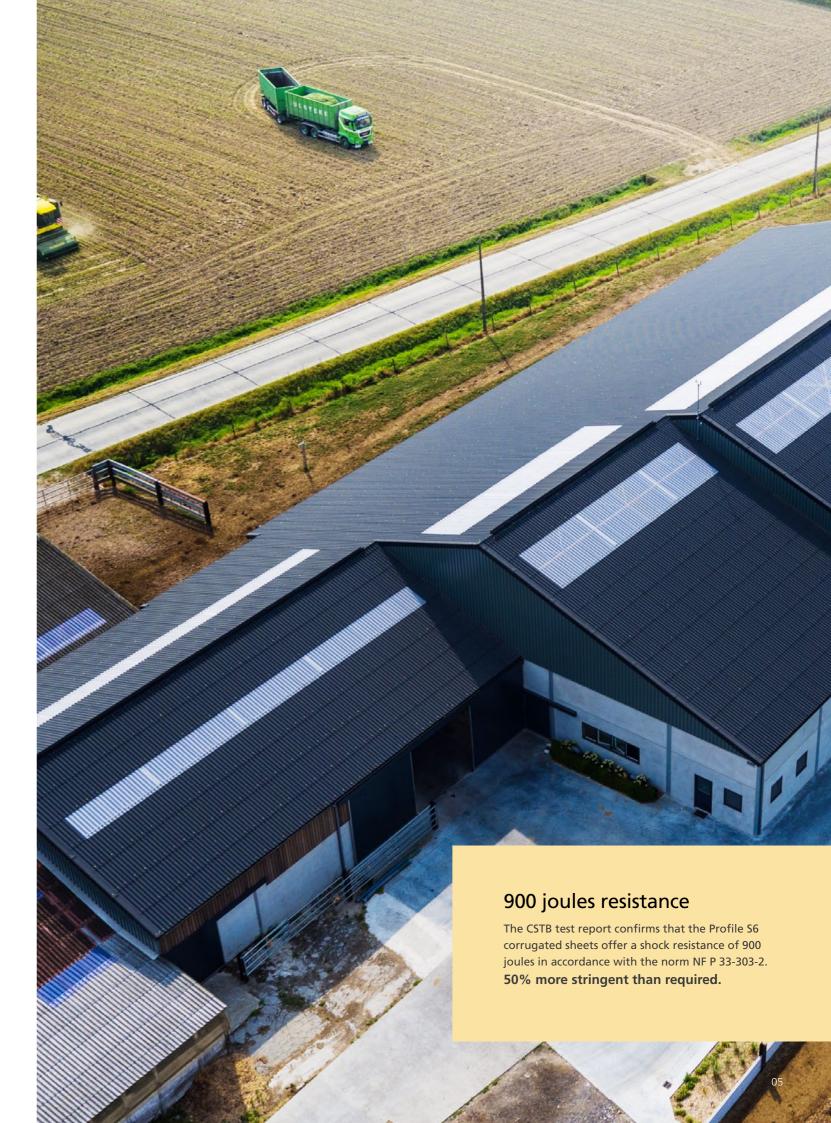
Pre-grooved corners

The four corners of the Profile S6 corrugated sheets are slightly pre-grooved, based on a standard lap of minimum 20 cm covering. Mitring is easily done manually or by using a hammer or a pair of pliers, thus avoiding the dust that would be caused by cutting them and cutting down on labour costs.

You are able to cover every roof with a single type of sheet according to what suits you best: the classical lay (sheeting in the direction opposite to the prevailing wind direction) or the round lay.

Safety strips and anti-slip structure

Polypropylene safety strips are integrated into every side lap of the corrugated sheet. The antislip embossed surface makes it easy to handle the sheets.

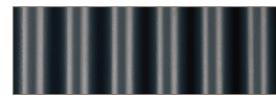


MAKE YOUR CHOICE

Profile S6 corrugated sheets are available in natural grey or with a double layer of resin-acrylic water-based coating. This environment-friendly paint possesses special properties to counteract any growth of moss.

They are available in black, blue-black, juniper green, terracotta, cloud grey, manganese brown and red-brown.

In stock

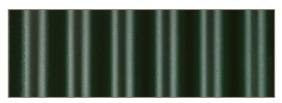


326 - BLUE-BLACK



100 - NATURAL GREY





On special request









345 - CLOUD-GREY

The colours shown are only an approximate illustration of the corrugated sheets' true colours. Samples can be obtained upon simple request.

Dimensions and weight

Length (mm)	1,220	1,250	1,525	1,585	1,830	2,135	2,440	2,650	2,750	2,950	3,050
Length (feet)	4.003	4.101	5.003	5.200	6.004	7.005	8.005	8.694	9.002	9.678	10.006
Weight (kg)	19.54	20.06	24.48	25.40	29.40	34.24	39.18	42.50	44.05	47.37	48.94

Nominal width	1.095 mm
Net covering width	1.048 mm
Corrugated width	177 mm
Corrugated height	51 mm
Nominal thickness	6,5 mm
Number of corrugations	6,25

Mechanical characteristics	
Minimum breaking load per meter width for a span of 1.1 m	≥ 4.250 N/m
According to EN 494, class 1 (= best class)	
Deflection	< 16,6 mm
According EN 494	
Bending moment per meter length with longitudinal deflection of the corrugated sheet	55 Nm/m
According EN 494, class X (= best class)	
E-modulus	ca. 10.000 N/mm²
Impact resistance at the crossing	900 J
Conform span of 1380, according NF P 33-3003-2	

According EN 13501-1

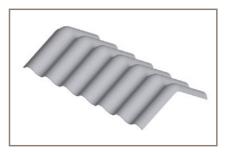
Physical properties	
Density	$\rho \geq 1.400 \text{ kg/m}^3$
According to EN 494	
Thermal conductivity	$\lambda = 0.37 \text{ W/mK}$
Water absorption	ca. 25 % weight percent
Fire reaction class	Class A2-s1, d0

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PROFILE S6 ACCESSORIES

The perfect finish

SVK produces a wide choice of finishing accessories, of which an overview is provided below. You will find more detailed descriptions in our technical data.



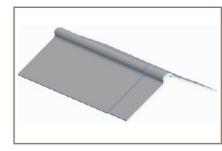
CRANKED CROWN RIDGES



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



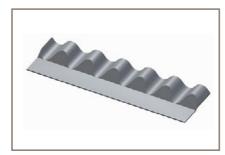
HOODED TWO-PIECE RIDGE FINIAL



UNIVERSAL L-SHAPED RIDGE FINIAL



APRON FLASHING PIECE



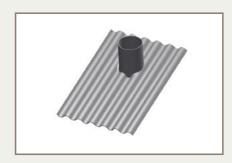
EAVES FILLER



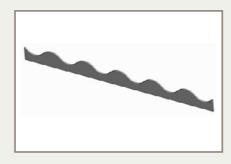
EAVES CORRUGATION CLOSURE



EAVES BEND SHEET



FLANGED SHEET



PLAIN CORRUGATION CLOSURE



EAVES BEND ROLL TOP BARGE BOARD

PRE-GROOVED CORNERS

A high-quality corrugated sheet...

The Profile S6 corrugated sheets are profiled, double-compressed fibre-cement panels, appropriate for stables, industrial buildings, hangars, warehouses, and buildings serving similar purposes.

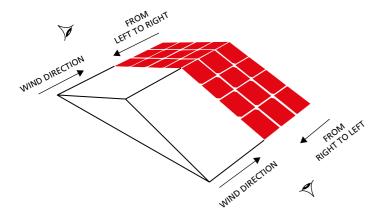
The sheets are manufactured on the basis of a homogeneous mixture of Portland cement, organic fibres, selected mineral additives and water, and fitted with polypropylene safety strips. The four corners of the Profile S6 corrugated sheets are slightly pre-grooved, in keeping with the transverse overlap of a minimal standard lap of 20 cm. With one single type of sheet, you can cover the roof according to the traditional lay or the round lay. Mitring can easily be done manually or by using a suitable tool.

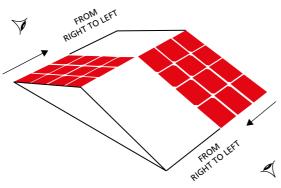




Advantages

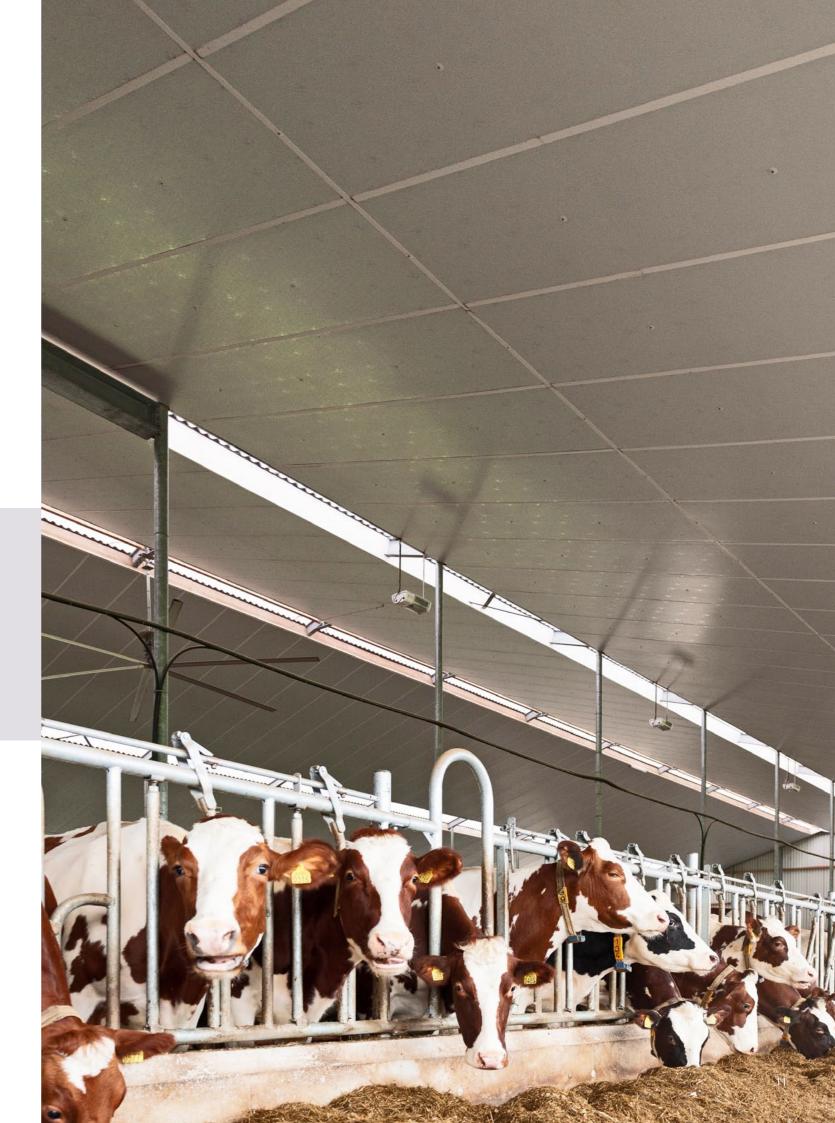
- There is no longer any need to calculate in advance how many corrugated sheets with or without corners will be required.
- The distributor will have to keep only one type of sheet in stock.
- Saves on labour, therefore reducing costs.
- Factory perfect cut.





CLASSICAL LAY

ROUND LAY



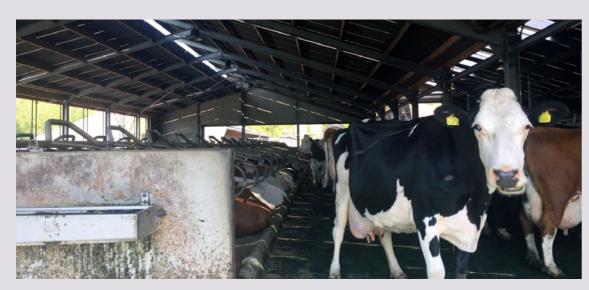
SPACED SHEETING

Natural ventilation and light through spaced sheeting.

A relaxed and content animal is an important factor for farmers. Through spaced sheeting in livestock buildings you can create a pleasant space for animals. The humid hot air can easily leave the building and fresh air can easily come in. Through this system you create the perfect living climate for the animals. A perfect solution for both farmer and cattle.









HANDY TIPS TO ENSURE A CORRECT INSTALLATION

Please consult our technical fact sheets for detailed installation instructions. You'll find the most important tips below.



It all starts with transportation and storage

Delivery to the warehouse

The corrugated sheets must be stored in a well-ventilated sheltered space on a dry flat surface. Puncture the plastic covers to prevent condensation and potentially efflorescence on the sheets.

Delivery to the work site

If the sheets cannot be stored in a sheltered area, remove the outer packaging and cover them with a breathing waterproof canvas.

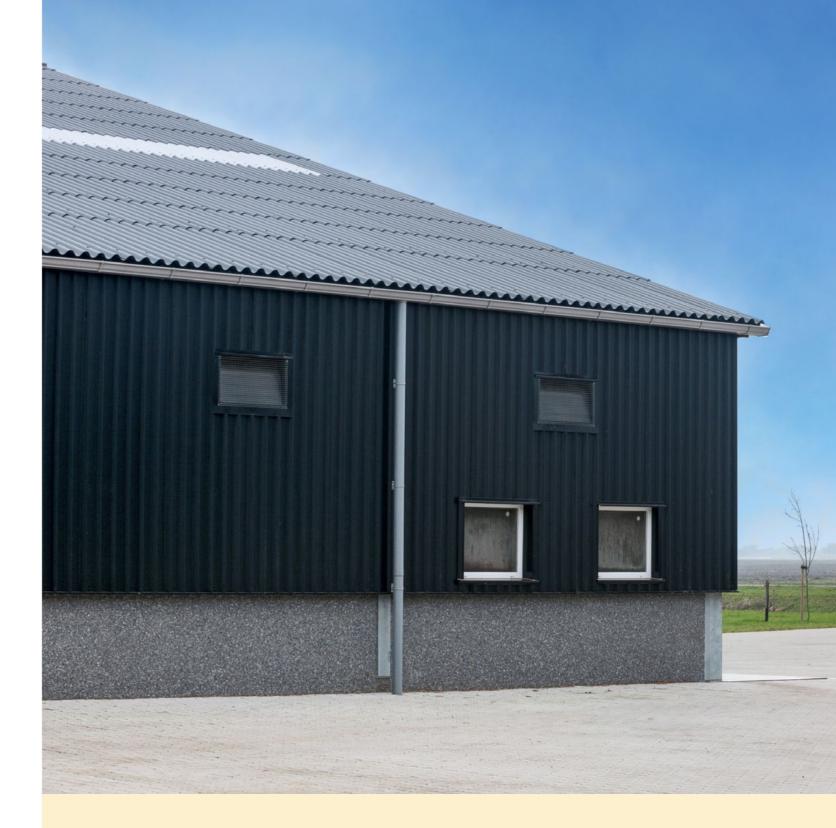
Golden rule: install the corrugated sheets as soon as possible following their delivery.

Fixing the sheets in place using self-drilling winged screws

The corrugated fibre-cement roofing sheets must be allowed some movement. To that end, the diameter of the clearing hole must be 3 mm wider than the diameter of the fastener shaft. It is advisable to use self-drilling screws with wings. Make a perfect drilling hole in one operation and then fix the sheets on the supporting frame. The EPDM membrane and the stainless steel washer will ensure a correct and permanent tight seal.

Correct tightening

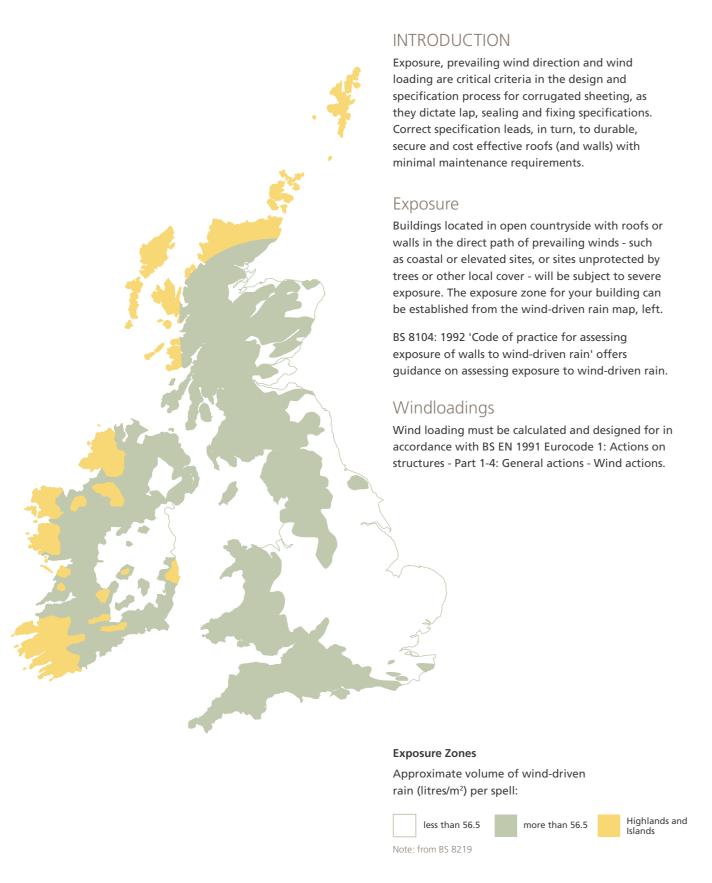
The fasteners must be tightened until they properly close the drilling hole.



Ensuring proper ventilation underneath the corrugated sheets

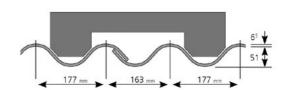
Every construction is subjected to humidity. When humid air comes in contact with a cold surface, condensation will occur. In contrast to non-porous materials like PVC and metals, a Profile S6 sheet absorbs the humidity and acts as a regulator. It is very important that, on the underside of the corrugated sheet, air space (always to be kept free of obstruction) be provided to evacuate the humidity. Inside closed-in and damp areas it is advisable to provide for a correctly positioned air and vapour barrier.

EXPOSURE AND WINDLOADINGS



163 mm, the measure to retain

At the longitudinal overlap, the distance between the corrugated crests of the sheets must be 163 mm. In order to achieve this distance easily and correctly, it is advisable to use the SVK placement gauge which will be sent to you upon request.



Sealing the end and side laps or not?

Whether or not sealing needs to be applied at the end and side laps depends on the roof pitch and on the degree of exposure to rain and wind. For more information check our technical data sheets.

Effortlessly installing the twopiece ridge covers

Our corrugated two-piece ridge covers are made for universal use: they are suitable for roofs installed using either the classical or the round lay method. Both parts are always installed from right to left. The lower part is always placed on the roof surface where the corrugated sheets are placed from right to left.

Compliance with safety regulations

Working at a height can be dangerous, please ensure that you comply with all safety regulations.

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OUR VALUES

Warranty

Please request the warranty terms for your project at our sales team. We guarantee that our Profile S6 corrugated sheets fully meet all the required European standards in relation to frost resistance, impermeability, break load, and geometrical properties.

For coated corrugates sheets we also offer colour warranty. The colour warranty implies that the basic colour of its Neptunus corrugated sheets and accessories in fibre cement must not change in normal weather conditions, except for the normal ageing process that is inherent to the coating, e.g. patina of the finishing layer. Upon simple request, we will provide you with a Warranty Certificate to that effect.

Respect for the environment

The paint cover is a resin-acrylic water-based coating: we do not use aggressive solvents.

Speedy service

We keep a wide stock on hand and your orders will be processed with the utmost efficiency.
Speedy and efficient service is our motto.

SVK, assured value for over 110 years

SVK's centuries-old experience is placed at your service: it is yours to take advantage of!

OUR **VALUES** ******

All necessary certifications!



EUROPE

CE marking: Profile S6 corrugated sheets and accessories meet the requirements stipulated in European Standard EN 494.

Follow us!













Experts in fibre cement