

INNOLINE®

INSTALLATION INSTRUCTIONS



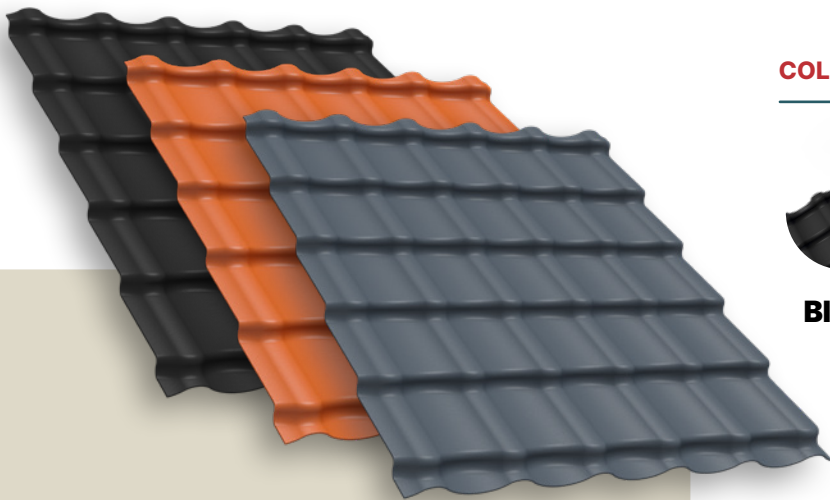

Made
by me!



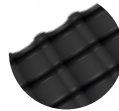
Onduline®

Get the **roof** done - and done well

INNOLINE®



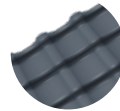
COLOURS



Black



Sienna



**Anthracite
Grey**

TECHNICAL CHARACTERISTICS

LENGTH	94 cm
WIDTH	80 cm
THICKNESS	2,3 mm
WEIGHT OF PRODUCT	2 kg
CORRUGATION HEIGHT	42 mm
CORRUGATION PITCH	145 mm
NET COVERAGE AREA	0,75 m ²
NB CORRUGATIONS	6

* Tolerances: Length [-0.2;+1 %], Width [±1 %], Weight of product [±0.15 kg], Thickness [±10%], Corrugation Height [±3 mm], Corrugation Pitch [±4 mm]



EASY DIY INSTALLATION FOR ANY OUTDOOR PROJECT



No special tools required.
Only a drill and a tape measure



No need to cut. Increase overlap!
A standard saw is optional.



No sharp edges



Single-person installation possible



**FOR MORE
INFORMATION**

Watch the
installation video!

THANK YOU for choosing INNOLINE® for your roofing project.

INNOLINE® should be carefully installed. Mistakes during the installation process can cause problems later and impact the warranty. Please take the time to closely follow these installation guidelines.

Always review and comply with local building regulations and safety guidelines.

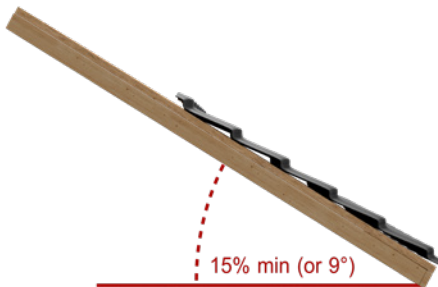
PROJECT PLANNING & REQUIREMENTS

▶ APPLICATIONS RECOMMENDED

Suitable for a wide range of auxiliary buildings, including sheds, shelters, garages, carports, barns, patios, gazebos, pergolas, playhouses, stables, garden offices, leisure or storage buildings and others.

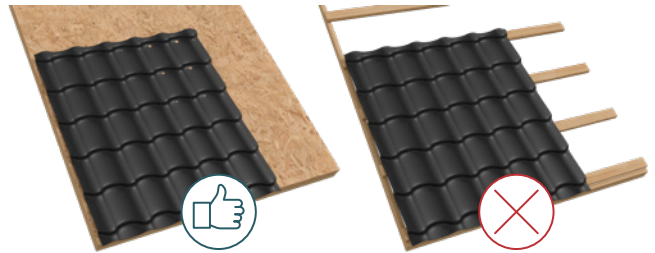
▶ ROOF SLOPE REQUIREMENT

Suitable for low pitched roofs as of 15 % (9°).



▶ INSTALL ONLY ON FULL DECK

INNOLINE® must be installed on a **solid, continuous deck**, such as **OSB or plywood**. Installation on **battens is not permitted**.



TOOLS REQUIRED

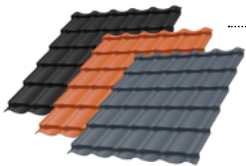


OPTIONAL

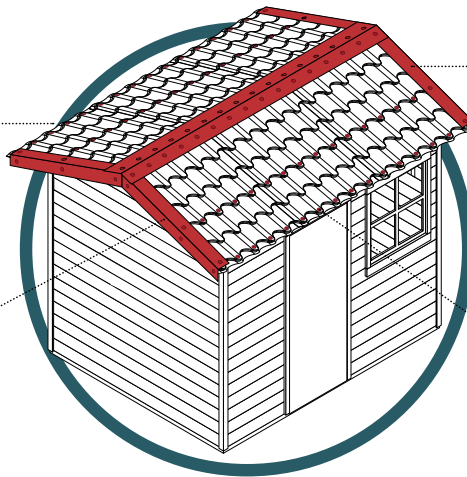


A FULL SYSTEM

▶ ROOFING SHEET



▶ VERGES



▶ RIDGES



▶ SCREWS



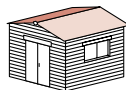
PRODUCT QUANTITY ESTIMATION FOR A 2-SLOPE ROOF

6m²



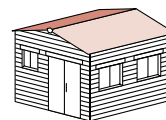
- > 12 sheets
- > 2 bags of 100 screws
- > 3 ridges
- > 8 verges

12m²



- > 24 sheets
- > 3 bags of 100 screws
- > 4 ridges
- > 12 verges

20m²



- > 40 sheets
- > 4 bags of 100 screws
- > 5 ridges
- > 16 verges

STEP-BY-STEP INSTALLATION

STEP 1 - GETTING READY

The full roof deck must be:

- > Clean and dry.
- > Free from bumps, gaps, protruding screws, or other surface irregularities.

A smooth and level OSB surface ensures:

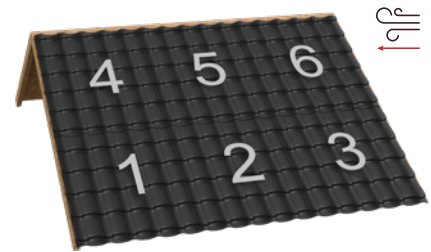
- > Proper sheet adhesion.
- > Uniform load distribution.
- > Long-term performance with maintained shape and stability.



STEP 2 - POSITIONING THE SHEETS

PRE-POSITIONING THE SHEETS

- > Pre-position all sheets according to the plan to determine the correct overlaps. Always begin installation at the lowest edge of the roof and work your way upward toward the ridge. Do not fix the sheets yet.



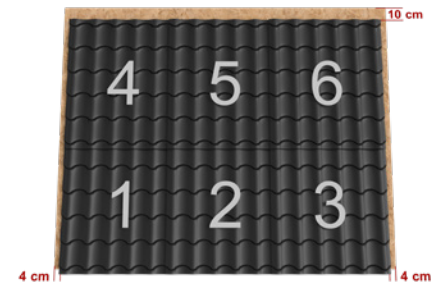
PERFECT THE EDGE

- > Before fixing, carefully align the first sheet with the roof edge, allowing a **maximum 2 cm overhang** at the eaves.
- > Maintain a **consistent overhang along the entire edge for a clean, professional finish.**
- > A correctly aligned first sheet ensures that all subsequent sheets remain straight.



PERFECT THE GAPS

- > If needed, a space of **up to 10 cm at the top and 4 cm at the sides** may be left between the sheet and the roof edge. These areas will be covered by the finishing elements, so no gap will remain visible.
- > If more than 4 cm is available on each side, align the sheet properly and adjust with an additional sheet.
- > Use a tape measure to ensure equal spacing on both sides.
- > This pre-positioning step helps ensure correct alignment and spacing before installation.



PLAY WITH THE OVERLAPS

- > Each upper sheet must overlap the adjacent sheet by at least one corrugation both vertically and horizontally to ensure proper rainwater drainage and prevent infiltration.
- > To avoid cutting the sheets, overlaps can be increased by one, two or more corrugations.

1 corrugation



2 corrugations



STEP 3 - FIXING THE SHEETS

► USE ONDULINE® SCREW

Once the sheets are correctly positioned and aligned, begin fixing them.

► Use the correct fixings

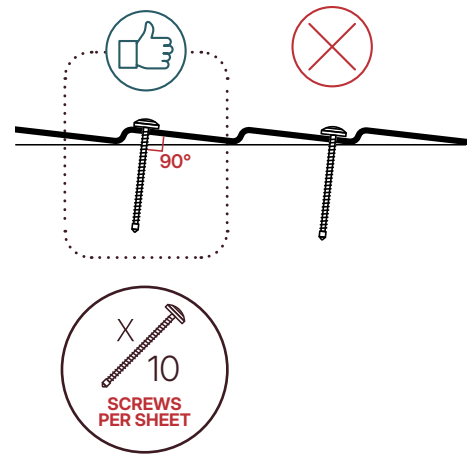
- Always use **ONDULINE® SCREWS with an integrated seal** to ensure **perfect waterproofing**.
- Do not substitute with standard wood screws as this could affect the performance and the warranty.

► Where to fix?

Fix the screws at the crest of each corrugation, never in the valley and always perpendicular to the roof's surface.

► How many fixings?

Each sheet requires **10 fixings** (minimum recommendation).

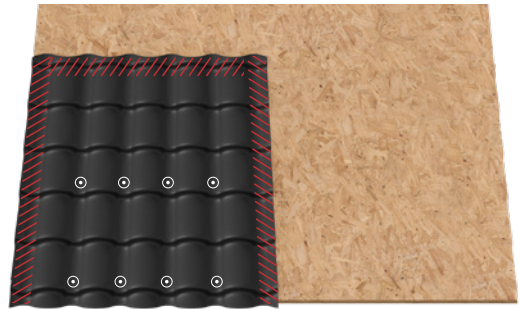


► FIXING ORDER

► Fix the first sheet:

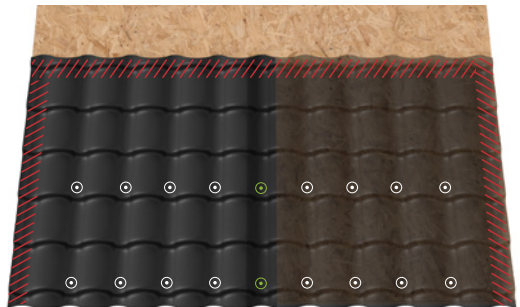
Start by fixing the centre of the sheet starting along the eave edge.

Leave the overlap areas free, and make sure you do not screw the sides and top edges at this stage.



► Fix the second sheet:

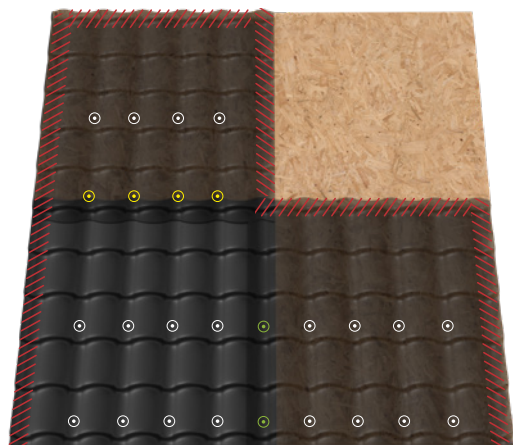
Place the second sheet by **overlapping one or more corrugations vertically**. Fix the overlap (green), then continue the installation **as for the first sheet**.



► For the next row:

Place the sheet by **overlapping one or more corrugations horizontally**.

Fix the overlap (yellow), then continue the installation as for the sheets already fixed.



STEP-BY-STEP INSTALLATION

STEP 4 - FINAL TOUCHES

▶ VERGE

The **verge trim** protects the roof edges and provides a clean, finished look. Once the roof sheets are fixed on both sides (or on the single side in the case of a mono-pitch roof), install the verge trims on the end sheets.

- › Position the verge along the **side of the roof with the wider side of the verge faces upward**.
- › **Fix the verge to the wood side support first**, then to the sheets.
- › **Overlap each verge by at least 15 cm**, working from bottom to top.
- › **Align verge screws with the sheet screws** for a neat and consistent finish.



▶ RIDGE

The **ridge cap** seals the top of the roof and completes the installation.

- › Position the ridge cap at the top where the two roof slopes meet.
- › Make sure it is centered and evenly aligned.
- › Overlap each ridge cap by **15 cm minimum**, working from one end to the other.
- › Fix the ridge at **the crest of each corrugation**.



▶ WOODEN PIECE

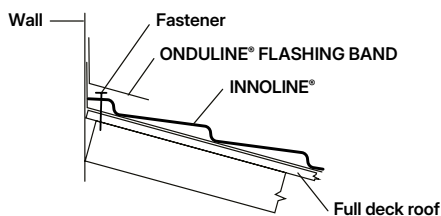
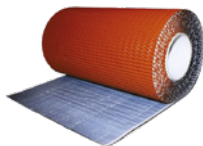
- › Add a decorative wooden piece at the ends of the ridge cap for a professional finish. Easily craft it yourself using any leftover piece of wood.



ADVANCED INSTRUCTIONS

▶ WALL JUNCTION INSTALLATION

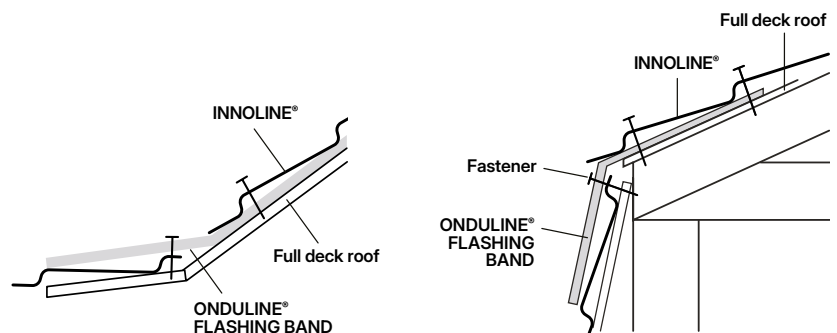
- › Install INNOLINE® sheets following the standard installation method.
- › At the top where the roof meets the wall, do not install a ridge or visor.
- › Instead, install a wall flashing.
- › Apply **ONDULINE® FLASHING BAND** over the top of the sheets at the wall junction and **secure the flashing to the wall according to best practice**.



▶ CHANGE OF ROOF SLOPE INSTALLATION

- 1 Install the first slope normally, fixing the sheets according to the standard installation guidelines and ensuring proper overlap and alignment.
- 2 Once the lower slope is complete, position the Onduline flashing at the change of slope.
 - › The flashing must sit over the top of the first installed slope and follow the angle of the roof.
 - › Secure the flashing according to installation recommendations.
- 3 Install the sheets of the upper slope over the flashing, ensuring the upper sheets overlap the flashing to provide proper water drainage and waterproofing.

Flashing width increase as slope differences increase or whenever water buildup on the lower slope can be substantial.



8 TIPS TO INSTALL INNOLINE® LIKE A PRO

TIP 1

PREPARE IT RIGHT

- › Install INNOLINE® on a full roof deck without any battens or debris.



TIP 5

FASTEN ON TOP

- › Always fix at the crest of each corrugation, perpendicular to the sheet.



TIP 2

PERFECT THE OVERHANG

- › Keep the overhang at the eaves to a maximum of 2 cm.



TIP 6

TIGHTEN CORRECTLY

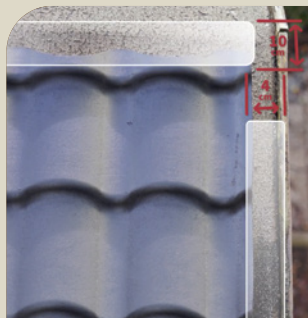
- › Tighten until the screw is flat against the sheet, then stop.



TIP 3

RESPECT THE GAPS

- › You can leave up to 10 cm at the top of the roof and 4 cm at the sides. The finishing elements will cover it.



TIP 7

OVERLAP BEFORE FIXING

- › Overlap each sheet before fully fixing it.



TIP 4

OVERLAP, DON'T CUT

- › To avoid cutting, you can increase the horizontal and vertical overlaps.



TIP 8

GET THE EDGE RIGHT

- › Install the wider part of the verge trim on the roof so it covers a full corrugation.



Now, you're a DIY pro.

STORAGE AND HANDLING

- › Transport and store packs in conditions that protect them from **humidity and excessive heat**.
- › If packs are covered with **plastic**, avoid **prolonged exposure to direct sunlight**.
- › **Do not stack pallets.**
- › On jobsite, **store packs flat.**
- › Products are **light enough for manual handling**. For high buildings, **mechanical lifting or rope slings may be used.**

Onduline® is a **global leader** in lightweight roofing and building solutions, with operations in more than **100 countries worldwide**. Our international presence creates a **dynamic, multicultural environment** where collaboration across borders and diverse perspectives inspire **innovation and drive sustainable growth**.



Onduline reserves the right to amend product specifications without prior notice. Product thicknesses shown in this document should not be taken as being available ex-stock and reference should be made to the current Onduline price-list or advice sought from Onduline Customer Service Department. The information, technical details and fixing instructions etc. included in this literature are given in good faith and apply to uses described. Recommendations for use should be verified for suitability and compliance with actual requirements, specifications and any applicable laws and regulations. For other applications or conditions of use, Onduline offers a Technical Advisory Service, the advice of which should be sought for uses of Onduline products that are not specifically described herein. To ensure you are viewing the most recent and accurate product information, please scan the QR code directly above.

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