

**HANBUD**

**PHR**  
Revolution  
SEAM PANEL





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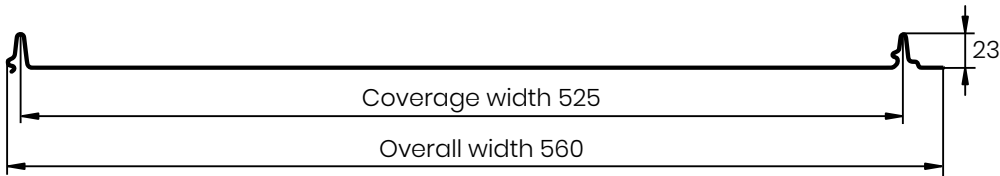


The PHR Revolution seam roof panel is an innovative premium product that features technological improvements and is easy to transport and install. With a variety of finishes, the product fits in with the latest architectural trends.

Our panel has a modern and minimalist design that looks good on the roof. It can be used on the roofs of detached houses as well as larger buildings. The PHR Revolution panel can be used on roofs with different shapes and pitches.







Coverage width:	525 mm
Overall width:	560 mm
Seam height:	23 mm
Sheet thickness:	0,5; 0,7 mm
Minimum sheet length:	500 mm
Maximum sheet length:	10 000 mm

**A PREMIUM PRODUCT FOR  
SMART BUILDERS.**

The PHR Revolution roof panel was developed to meet customer demand for modern and elegant roofing materials. The product has been widely praised by those who can appreciate a beautiful roof.

The seam roof panel is the perfect solution for customers who value a durable and robust product.

This model features the best coatings with a guarantee for up to 50 years. The seam roof panel suits a variety of architectural styles, ensuring excellent roof appearance for years to come.



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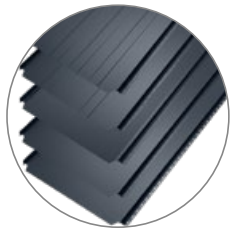
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## WHAT MAKES THE PHR REVOLUTION PANEL SPECIAL?



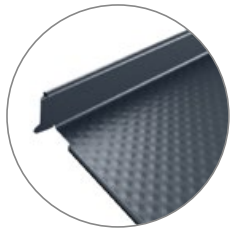
### Different types of end folding

The panel comes with 3 different hole options, which allows you to select the best joining method for the chosen installation approach.



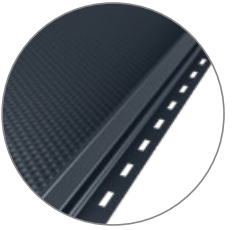
### Various colours, types of coatings and finishes

The wide range of customisation options for the PHR Revolution panel allows you to tailor the roofing to your own preferences.



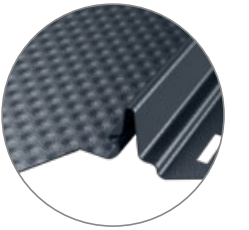
### Cover for roofing with an aesthetic appearance

The cover provides a neat way to terminate the roofing.



### Adjusted screw holes

Profiled screw holes facilitate proper installation.



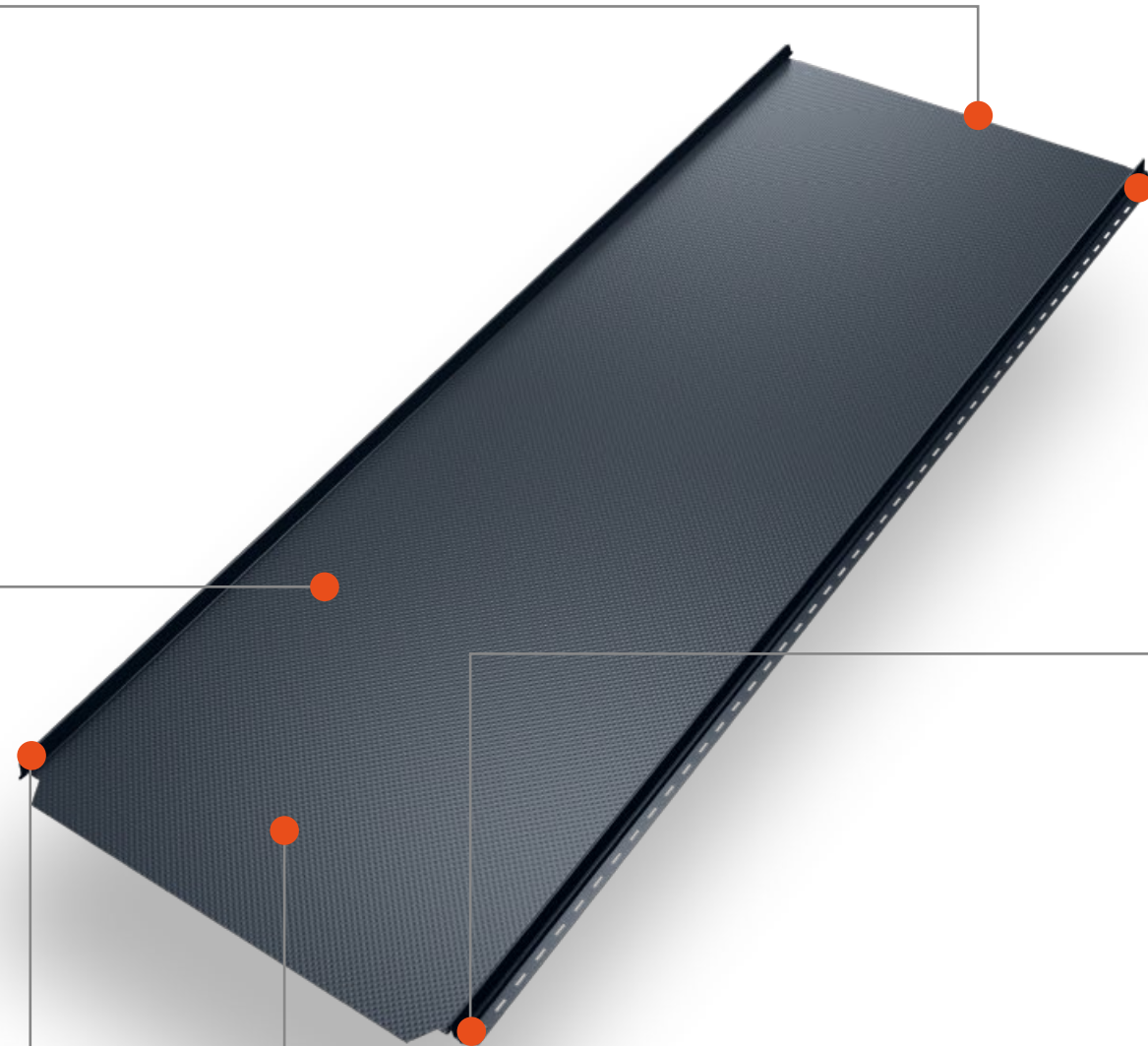
### Unique snap lock

The method of sheet joining was developed following months of testing.



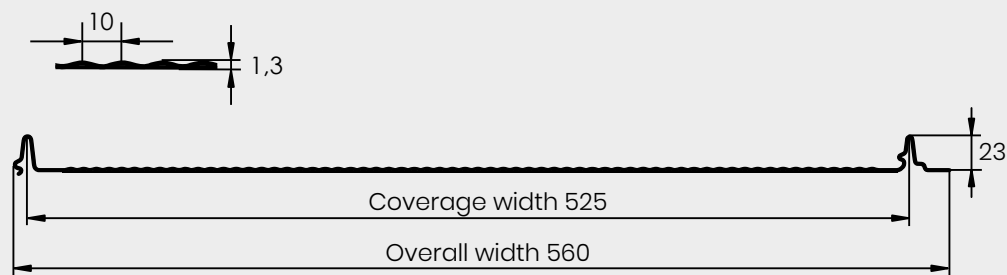
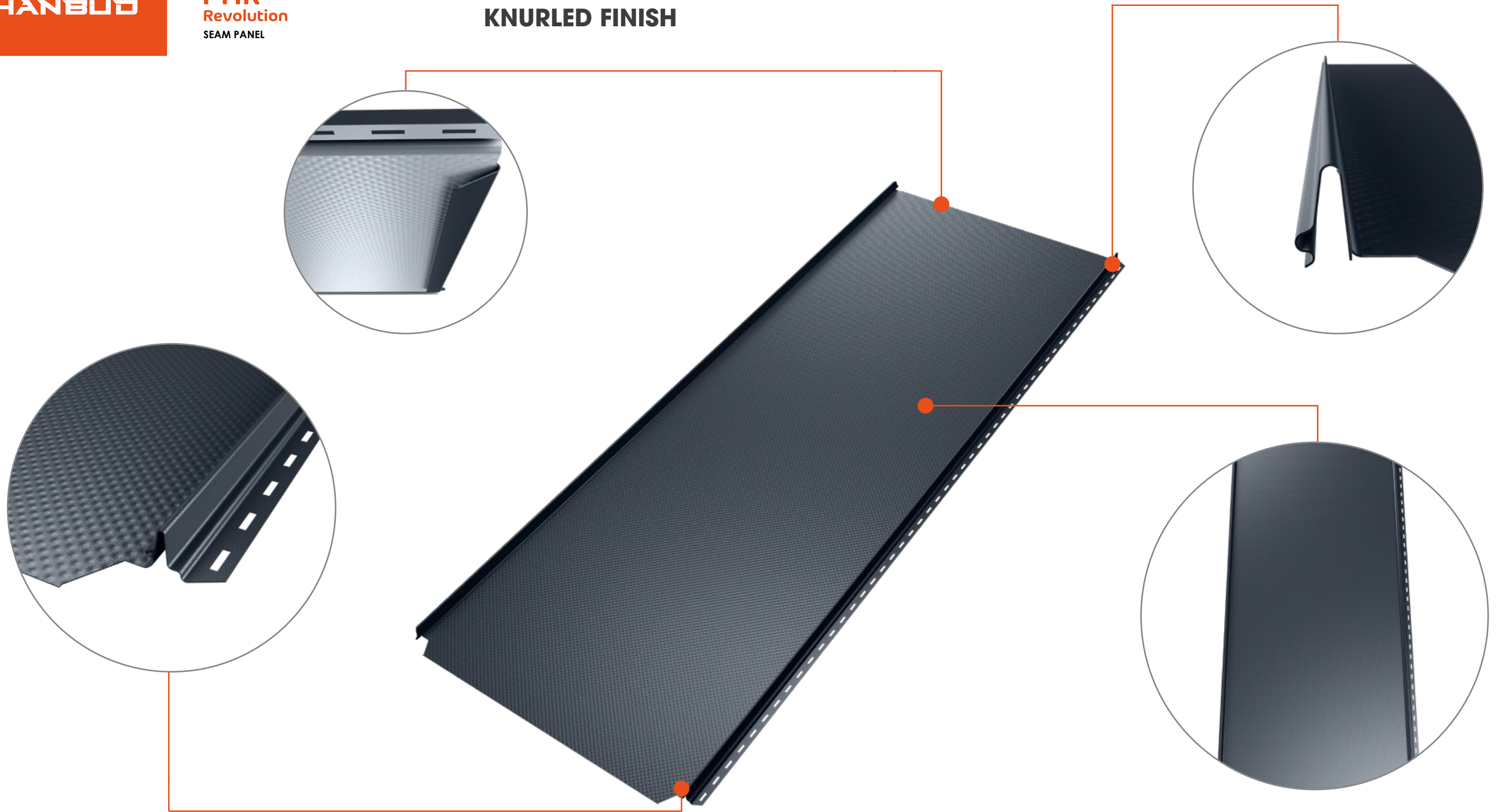
### Available with DRIP STOP membrane and SOUND CONTROL mat

The SOUND CONTROL mat reduces the noise level, and the DIPSTOP membrane prevents condensation of water vapor (available in knurled and microwave finish)





## KNURLED FINISH

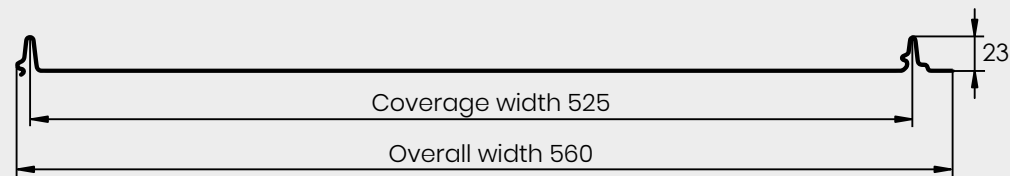
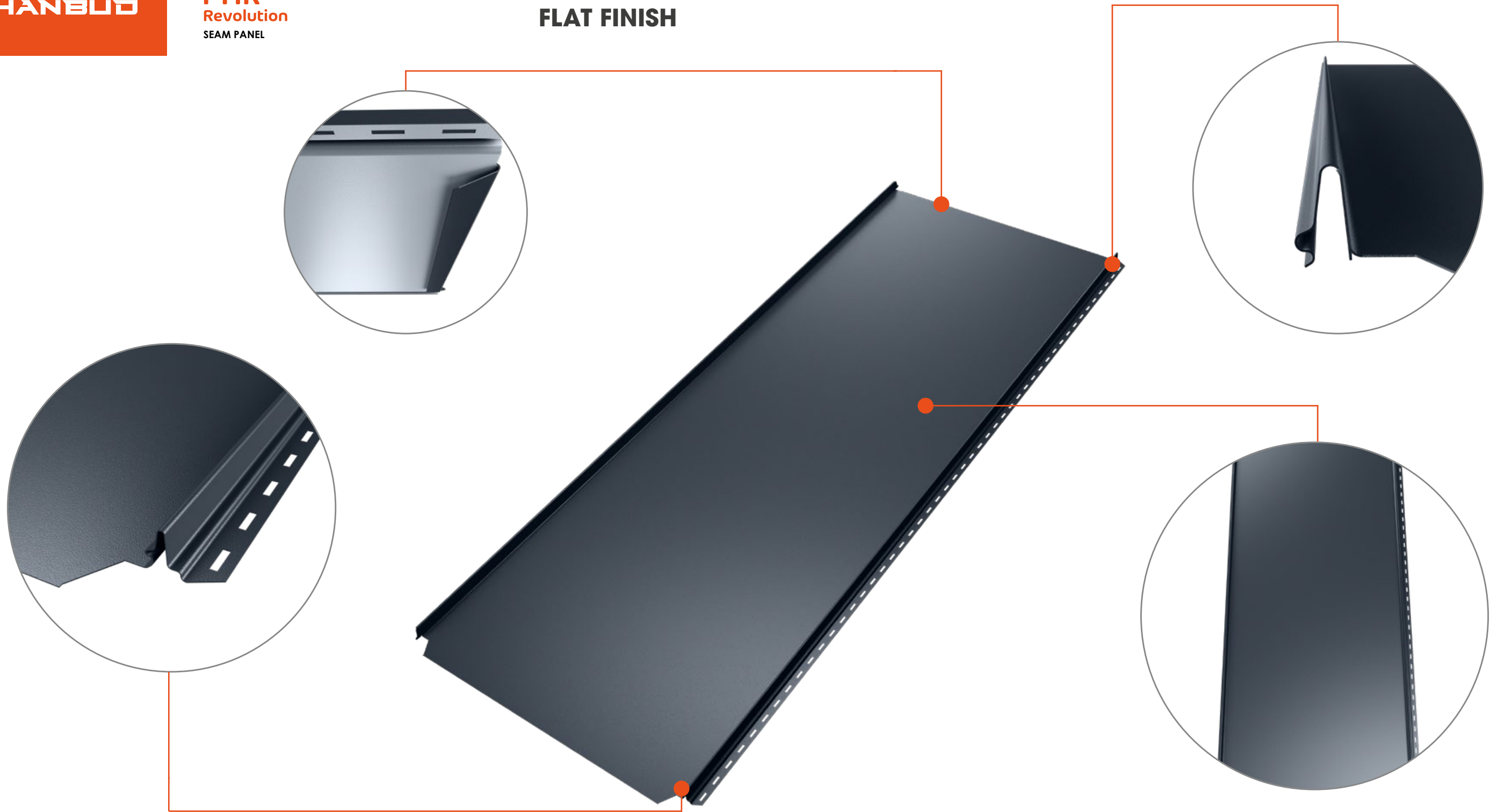


## SUBTLE KNURLED

The delicate knurled on the surface of the seam panel looks subtle. Sunshine gives the roofing an attractive appearance that changes depending on the time of day.

Knurled is a good solution for those who want to combine tradition with modernity.

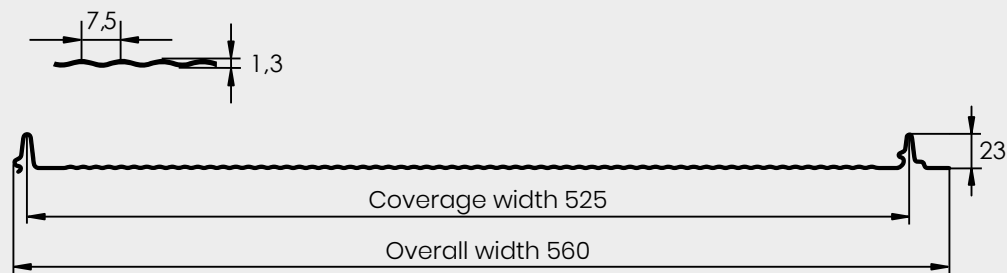
## FLAT FINISH

**A TRIED-AND-TESTED SOLUTION FOR CLASSIC BUILDINGS**

The flat finish works well with buildings with a classic shape.

The simple form of the flat finish perfectly accentuates the shape of the building.

## MICROWAVE FINISH



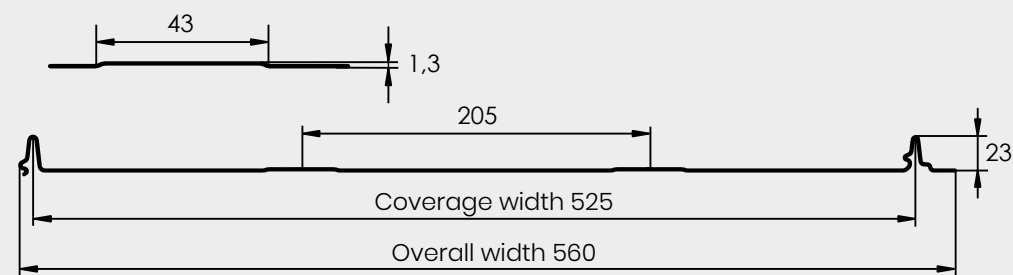
## A SIMPLE AND TASTEFUL FINISH

The lengthwise ribs on the sheets emphasise the elegant, timeless look of the roofing.

Microwaves further stiffen the sheet, which improves seam performance by reducing noise levels.



## TRAPEZOID-2 FINISH



## SHAPE THAT FITS IN WITH THE LATEST TRENDS

Two trapezoidal ribs on the roofing are an interesting way to add variety. This finish is a popular choice for users who appreciate stylish and refined solutions.

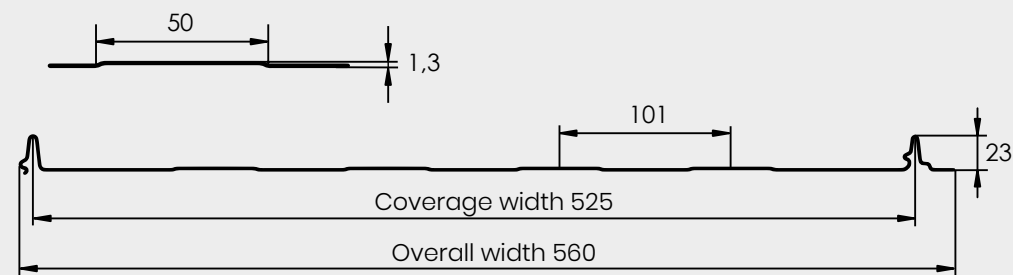
The ribs further reinforce the sheet.



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## TRAPEZOID-4 FINISH



## DECORATIVE TRAPEZOIDAL RIBS

Four trapezoidal ribs on the seam panel add an additional decorative element to the roofing and reinforce the sheet.



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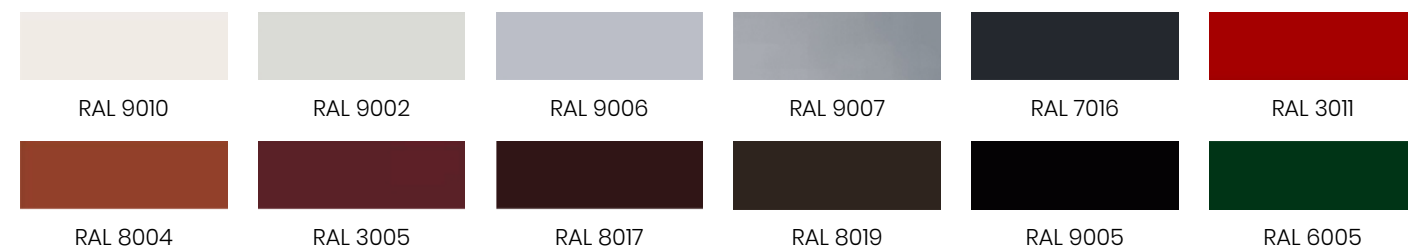
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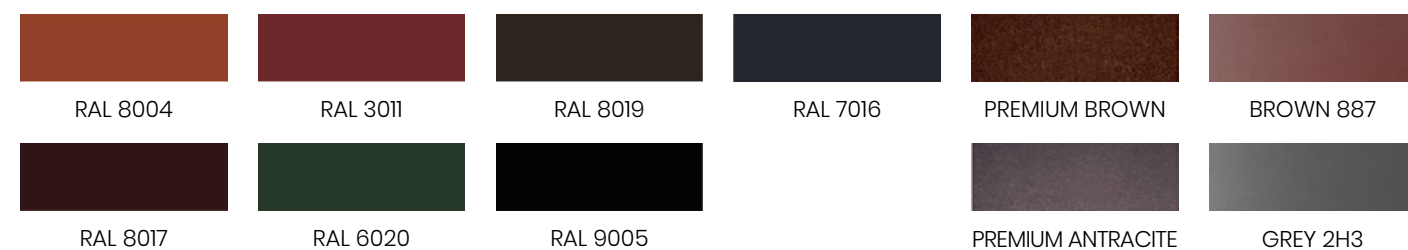
## COLOURS

The PHR Revolution seam panel is available in a wide range of colours. The user won't need to compromise when choosing the colour of their roofing.

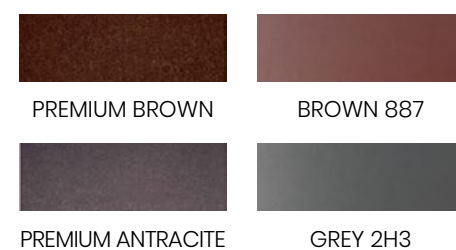
### POLYSK



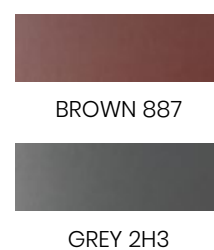
### MAT



### POLAR<sup>MAT</sup>



### GREENCOAT<sup>®</sup>



## AVAILABLE COATINGS

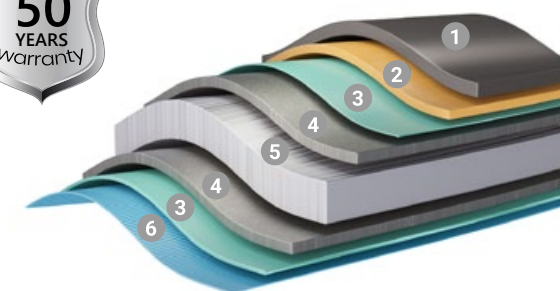
The PHR Revolution seam panel is manufactured from the highest quality galvanised steel with a polymer coating. Thanks to material sourced from the best steel mills, the roofing will perform for many years to come.

### PREMIUM

#### GREENCOAT<sup>®</sup>

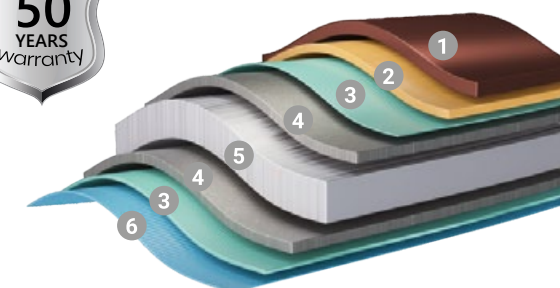
COLORFUL STEEL

- 1 Organic oily coating
- 2 Thick primer
- 3 Surface treatment
- 4 Zinc coating
- 5 Steel core
- 6 Double layer protective coating



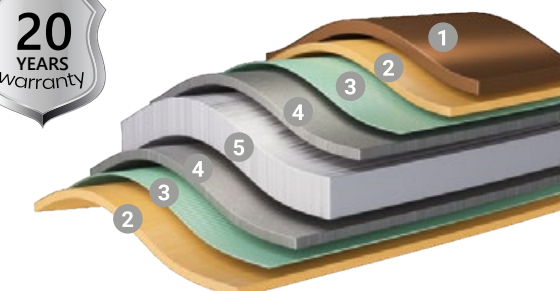
#### POLAR<sup>MAT</sup>

- 1 Super-poliester coating
- 2 Thick primer
- 3 Surface treatment
- 4 Zinc coating
- 5 Steel core
- 6 Thick bottom layer



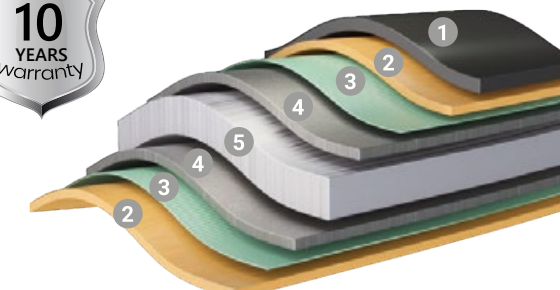
#### MAT

- 1 Polyester coating
- 2 Backing layer
- 3 Surface treatment
- 4 Zinc coating
- 5 Steel cor



#### POLYSK

- 1 Polyester coating
- 2 Backing layer
- 3 Surface treatment
- 4 Zinc coating
- 5 Steel core





TYPES OF END  
FOLDING**Front: straight | Back: straight**

The straight finish option remains.

**Front: holes | Back: holes**

Pre-made holes allow roofers to bend the seam panel sheets themselves at a specific angle.

**Front: bent | Back: holes**

Thanks to the factory-made bends, there are no visible joints between the sheets, which considerably improves the aesthetic properties of the roofing. Bending also prevents water from leaking out during rainfall. Bent sheets also significantly speed up the installation of the roofing.







Flashings

Number / name	Illustration	Number / name	Illustration	Number / name	Illustration	Number / name	Illustration
1.  Straight Ridge PHR		5.  Drip flashing Trapezoidal Small PHR		9.  Top barge flashing PHR		13.  Bottom barge trim (small) PHR	
2.  Trapezoidal Ridge PHR		6.  Drip flashing Trapezoidal Large PHR		10.  Valley gutter flashing PHR		14.  Bottom barge trim (large) PHR	
3.  Single-Sloped roof ending PHR		7.  Lower Eaves flashing PHR		11.  Wall joint flashing PHR		15.  Panel sheets joining flashing PHR	
4.  Drip flashing Straight PHR		8.  Bargeboard flashing PHR		12.  Side joint flashing PHR		16.  Ridge mounting flashings for PHR 560	



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