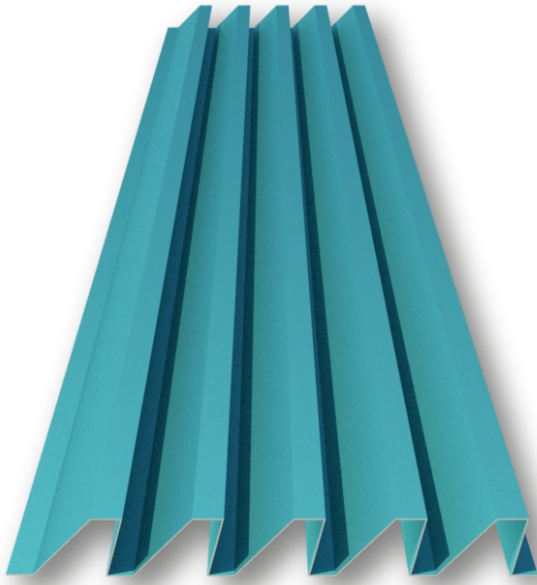


MT-35 - FORMENTERA

PROFILED FAÇADE SHEET



RAW MATERIAL
Steel

FINISH
Pre-painted/Galvanized

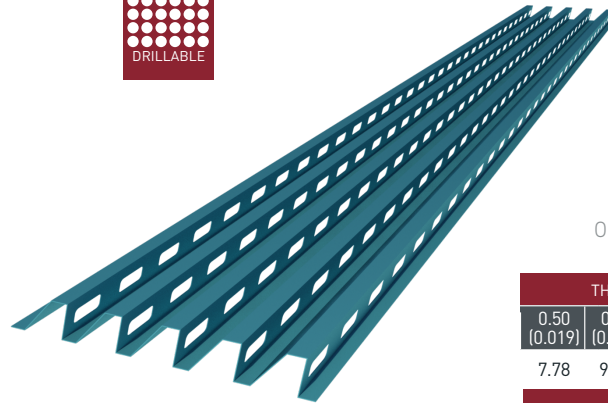
DRILLABLE
R3T5 standard
(consult other drillable panels)



THICKNESSES mm (in.)
Up to 0.8
(0.031)

USEFUL WIDTH
314 mm (12.36 in.)

USE
Façades / False roof



OPTIONAL WINDOWS

THICKNESS mm (in.)			
0.50 (0.019)	0.60 (0.023)	0.70 (0.027)	0.80 (0.031)
7.78	9.33	10.89	12.44
Weight [kg/m ²]			

At **Hiansa**, we offer a **new concept** for dressing the façades of buildings, solving the most creative interior cladding or hanging as a false ceiling. **This new line of** uniquely designed **profiles** offers a variety of **possibilities for finishing** and is able to adapt seamlessly to the requirements and specifics of each project.

Hiansa's profile **Formentera** has a length of up to 6.00 m [19.69 ft] and is manufactured in a useful width of 314 mm [12.36 in.]. With a nerve height of 35 mm [1.38 in.] and its sloped trapezoidal shape, it offers an appearance similar to sea waves or conventional ventilation grates, but with continuous plate, which ensures its tightness, while maintaining a beautiful aesthetic. Its design, with a discreet fit between each piece and with the fixing system seen on a substructure that is adjustable in depth, can be installed both vertically and horizontally, thus adapting to the most demanding conditions to create a wall with a high-quality finish.

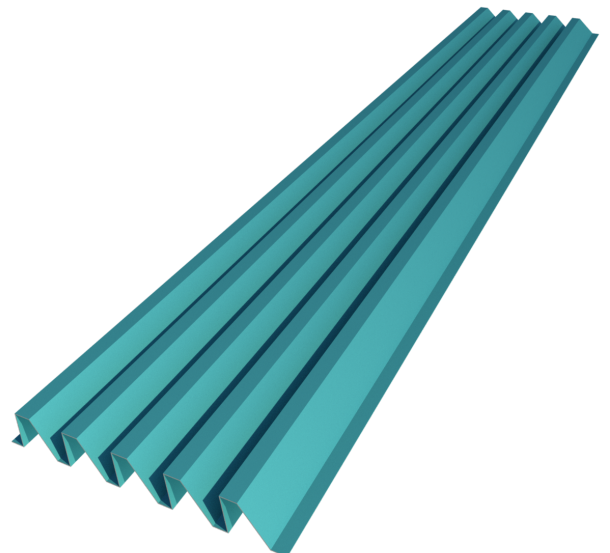
TECHNICAL SPECIFICATIONS

APPLIED STANDARD

Geometric Specifications				
Characteristic	Value	Units	Tolerance / Standard	
Profile thickness (h)	35 (1.38)	mm (in.)	±1.5	EN 508-1
Thickness of stiffeners	0	mm	+3/-1	EN 508-1
Wave Pitch	59	mm	±3.0	EN 508-1
Width of the ridge and valley	17/16	mm	+4/-1	EN 508-1
Useful width (w)	314 (12.36)	mm (in.)	(±0.1 · h) _{and} ≤15	EN 508-1
Bending radius (r)	3	mm	±2.0	EN 508-1
Length (l)	1250 (49.21) to 6000 (236.22)	mm (in.)	+20/-5	EN 508-1

Features of the Profile				
Characteristic	Value	Units	Tolerance / Standard	
Deviation from straightness	≤ to the tolerance	mm	±2/ml (max.10)	EN 508-1
Deviation from quadrature	≤ to the tolerance	mm	≤ 0.005*w	EN 508-1
Deviation of the side overlap	≤ to the tolerance	mm	±2 s/500 mm	EN 508-1
Radius and angles of curvature	--	mm	--	EN 508-1
Sheet thickness	0.60 (0.023) to 0.80 (0.031)	mm (in.)	UNE 10143	
Type of steel	S220GD to S320GD		UNE 10346	
Changes in measurements	12 x 10 ⁻⁴ K		UNE 14782	
Water resistance	Pass		UNE 14782	
Hazardous substance emissions	No emissions			
Behavior against fire	Broof (t1)		RD 110/2008	
Galvanized coating	UNE 10346			
Pre-painted coating	UNE 10169			
Fire resistance	Class A1			

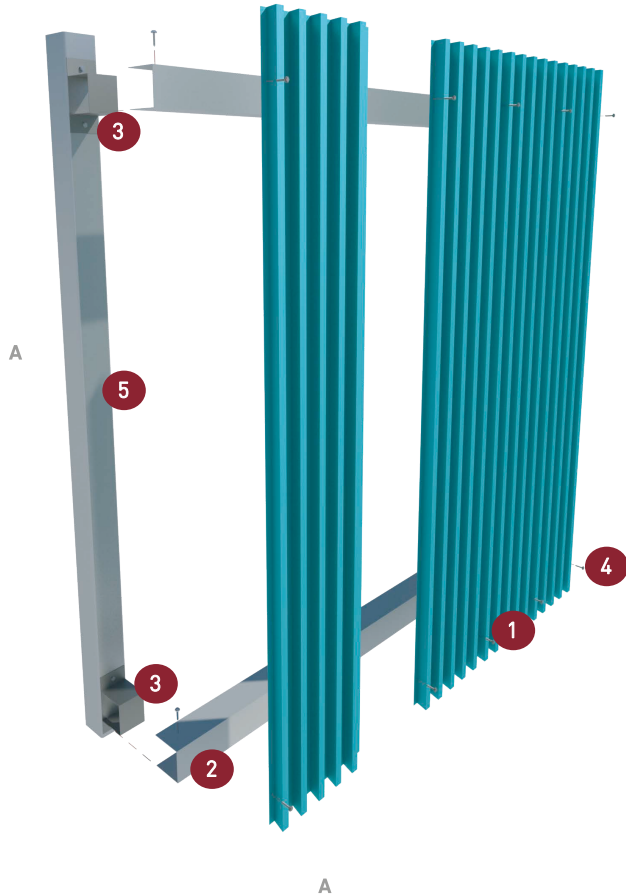
Ref. Standard	Description
EN 508-1	Products for sheet metal roofing and cladding: Specify for self-supporting steel sheet products. Part 1: steel.
EN 10143	Sheets and strips of steel with continuous metal coating by hot dipping. Dimensional and shape tolerances.
EN 10169	Flat steel products, continuous coated with organic materials (pre-painted). Technical supply conditions.
EN 10346	Flat steel products, continuous coated by hot dipping. Technical supply conditions.
EN 14782	Self-supporting metal sheets for covering and cladding of roofs and façades. Product specifications and requirements.



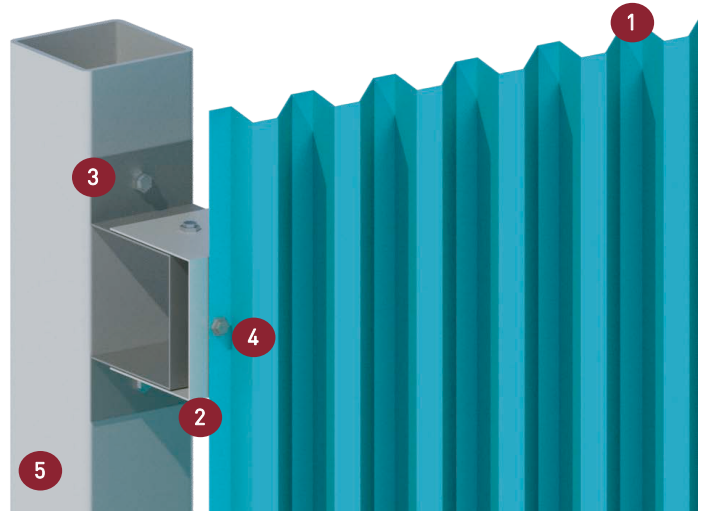
CONSTRUCTION DETAILS

At Hiansa, our **Technical Office** is on hand to advise on all issues related to solutions for **substructure and assembly** required. In addition, we have the **customized trims** necessary to successfully complete this type of interior and exterior walls. New designs can also be **madetotruly personalize** the finishes.

VERTICAL MOUNTING



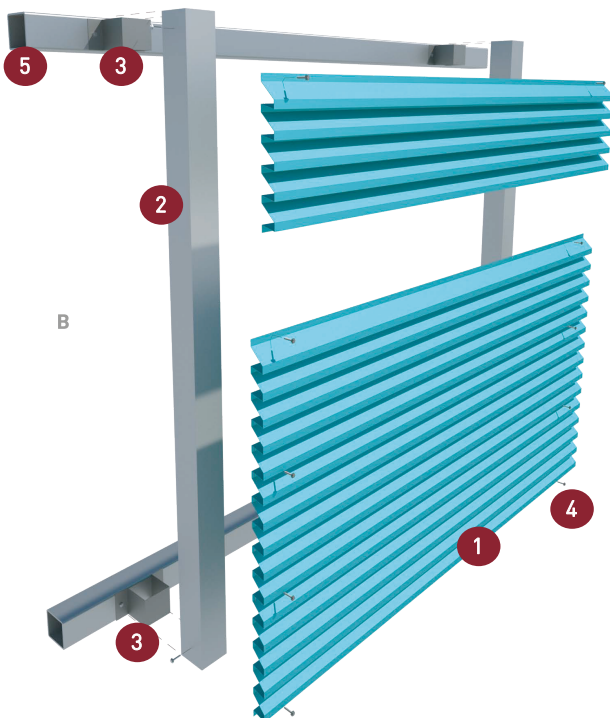
VERTICAL FASTENING DETAIL



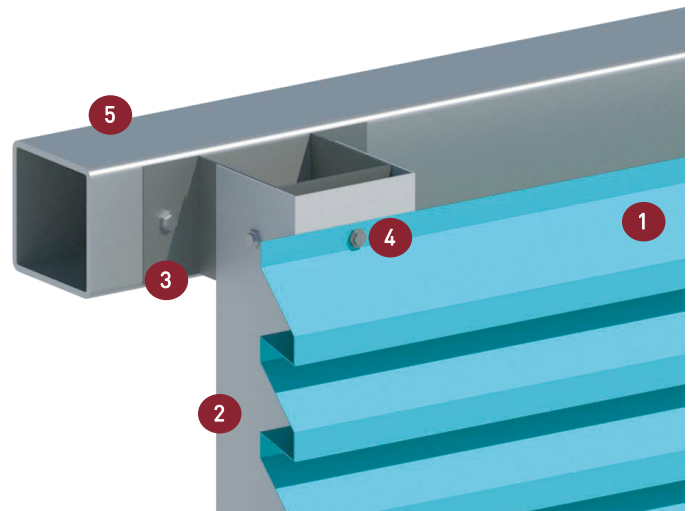
LEGEND:

- 1 HIANSA PF-FOMENTERA PROFILE
- 2 SUB-STRUCTURE - CONTINUOUS "U" SHAPE BATTEN GALVANIZED STEEL SHEET
- 3 SUB-STRUCTURE - "OMEGA" SINGLE-POINT SUPPORT PIECE GALVANIZED STEEL SHEET
- 4 FASTENING FAÇADE PROFILE VIEW
- 5 FAÇADE SUPPORT - MAIN STRUCTURE (or WALL)

Maximum distance between sub-frameworks (A) and omega single-point support pieces (B) from 1500 mm to 1750 mm



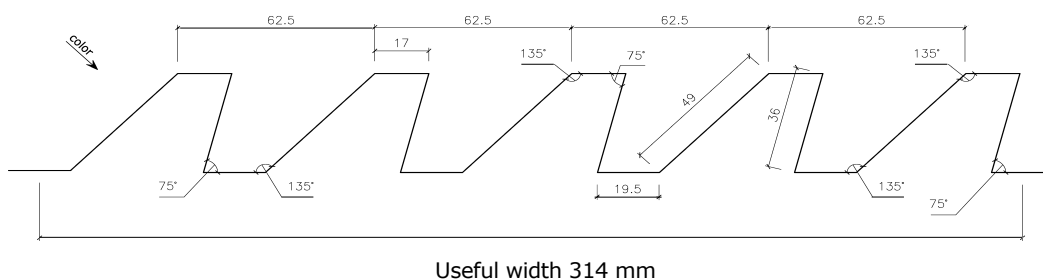
HORIZONTAL FASTENING DETAIL



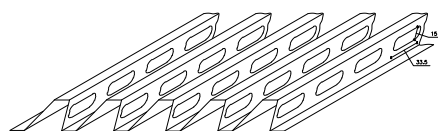
HORIZONTAL MOUNTING

HIANSA S.A. reserves the right at all times to make changes to this document without prior notice.

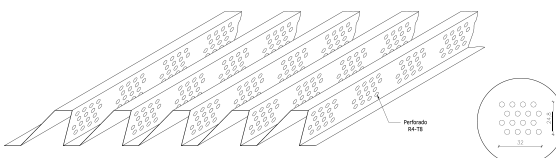
GEOMETRIC SPECIFICATIONS



Useful width 314 mm



OPTIONAL WINDOWS - SLOTTED HOLE 33.5 X 15



OPTIONAL PERFORATED WINDOWS - R4T8



LENGTHWISE OVERLAP

USE

Roof SANDWICH panel	Roof SANDWICH panel	Roof DECK panel	SIMPLE façade	Façade SANDWICH panel	Façade SANDWICH panel	Interior	Lost Formwork
Interior Profile	Exterior Profile	Base Profile		Interior Profile	Exterior Profile	False Ceilings	
			👍		👍	👍	



CUSTOMIZED MANUFACTURING

Custom manufactured **profiles measuring** up to 6.00 m in length. Standard useful width of 314 mm with **the option to adapt** the width to each project as required (on request).



MORE LIGHTWEIGHT CLADDING

Sheet steel profiles with lightweight **galvanized steel substructures that are adjustable** in depth. **Reduction in the overall** weight of the structure compared to other bulkier solutions.



QUICK AND EASY INSTALLATION

Profiles ready for **lengthwise overlap**. Substructures composed of pieces that are **easy to install and adjust**. Possibility of transverse overlap between panels. Speed **up** the assembly process.

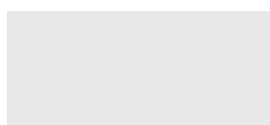


PRECISE MANUFACTURE

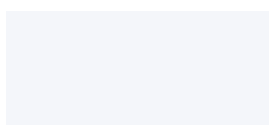
Profiles manufactured with **state-of-the-art machinery**, which ensures a very high quality geometry, bending, **perforation and fitting**.

COLORS

(*) colors on request



1000 Oyster white*



1006 Pyrenees white



Ral 9006 Silver metallic



2002 Bidasoa cream



2000 Sand



5001 Pearl gray



Ral 9007 Hiansa Metallic



4001 Sky blue*



4000 Lake blue



Ral 5008 Ardoise blue*



4002 Navy blue*



4009 Baracaldo blue*



3001 Light green*



3000 Navarra green



7004 Coral red*



7001 Teja Red



7002 Baztán Red



2005 Tobacco*



9005 Deep Black

The range of colors with standard organic coating in polyester consists of 19 shades, 17 solid colors plus 2 different shades of metallic gray.

For colors not included in the standard range, consult our sales department.

Although we have used the most advanced printing techniques to produce this document, we cannot guarantee that the colors are 100% accurate with respect to reality due to the difference in printing media and system.