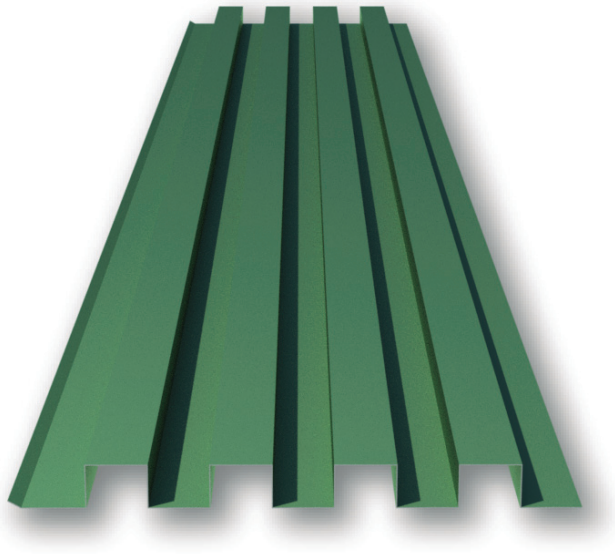


MT-30 MENORCA
PROFILED FAÇADE SHEET

RAW MATERIAL

Steel

THICKNESSES mm (in.)

 Up to 1.0
 (0.039)

FINISH

Pre-painted/Galvanized

USEFUL WIDTH

325 mm (12.80 in.)

DRILLABLE

R3T5 standard

(consult other drillable panels)

USE

Façades / False roof



| THICKNESS mm (in.) | | | | |
|-----------------------------|-----------------|-----------------|-----------------|-----------------|
| 0.50 (0.019) | 0.60 (0.023) | 0.70 (0.027) | 0.80 (0.031) | 1.00 (0.039) |
| 7.45 | 9.84 | 10.43 | 11.92 | 14.90 |
| 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.

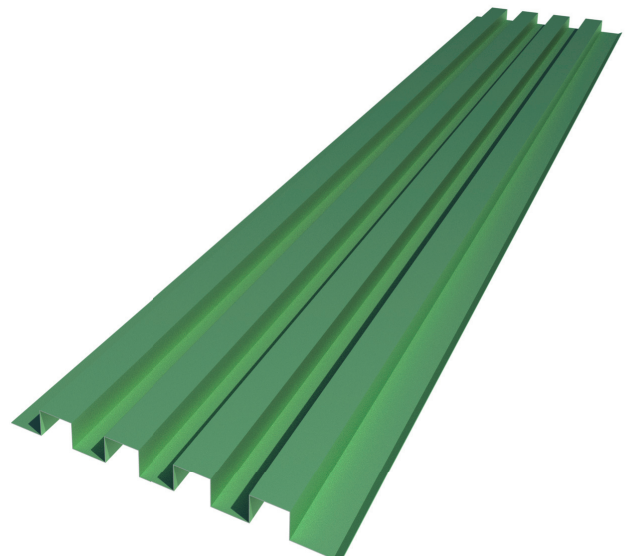
The profile **Hiansa - Menorca** has a length of up to 6.00 m and is manufactured in a useful width of 325 mm. With a nerve height of 30 mm and its square shape, it offers an amazing symmetry on the façade that results in a wall that always maintains a regular and balanced visual effect. Its design, 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
STANDARDS APPLIED

| Geometric Specifications | | | | |
|-------------------------------|-------------------------------|----------|----------------------|----------|
| Characteristic | Value | Units | Tolerance / Standard | |
| Profile thickness (h) | 30 (1.18) | mm (in.) | ±1.5 | EN 508-1 |
| Thickness of stiffeners | 0 | mm | +3/-1 | EN 508-1 |
| Wave Pitch | 40 | mm | ±3.0 | EN 508-1 |
| Width of the ridge and valley | 40/40 | mm | +4/-1 | EN 508-1 |
| Useful width (w) | 325 (12.80) | 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 |

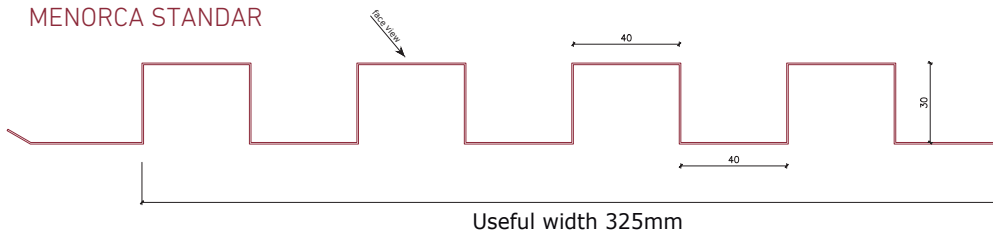
| Ref. Standard | Description |
|---------------|-----------------------------------------------------------------------------------------------------------------------|
| EN 508-1 | Products for sheet metal roofing and cladding; Specify for self-supporting steel sheet products. Part 1: steel. |
| EN 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. |

| 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 to 1.00 | mm | UNE 10143 | |
| Type of steel | S220GD to S320GD | | UNE 10346 | |
| Changes in measurements | 12 x 10 ⁻⁶ 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 | | | |

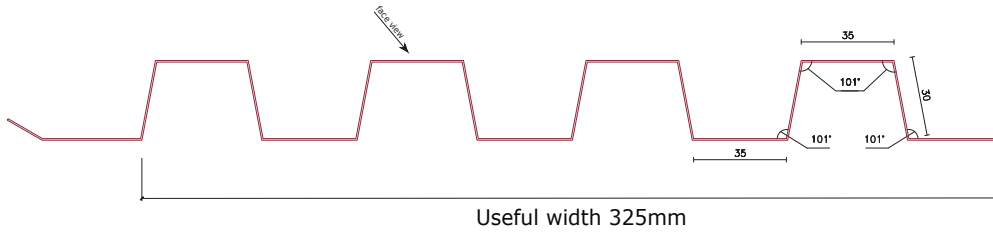


GEOMETRIC SPECIFICATIONS

MENORCA STANDAR



MENORCA-S (TRANVERSALLY OVERLAPPABLE)



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 325 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 profiles. **Speed up** the assembly process.



PRECISE MANUFACTURE

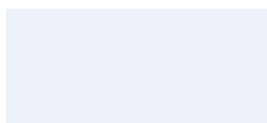
Profiles manufactured with **state-of-the-art machinery**, which ensures a very high quality geometry, bending, **perforation and fitting**.

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.

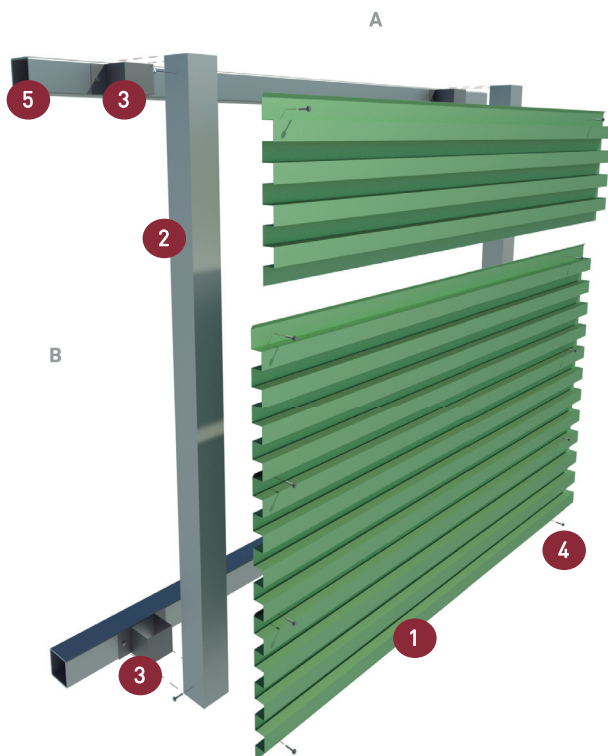
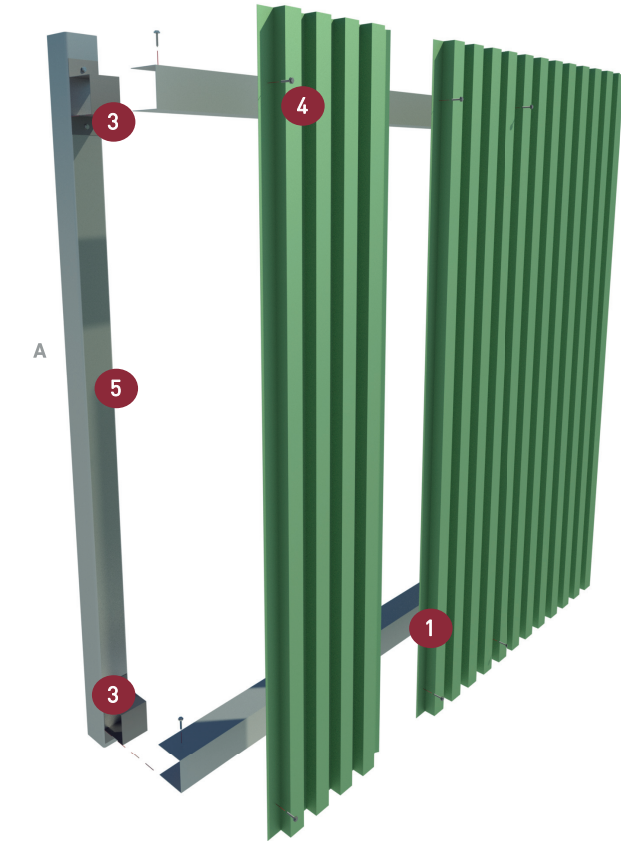
For colors not included in the standard range, consult our sales department.

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.

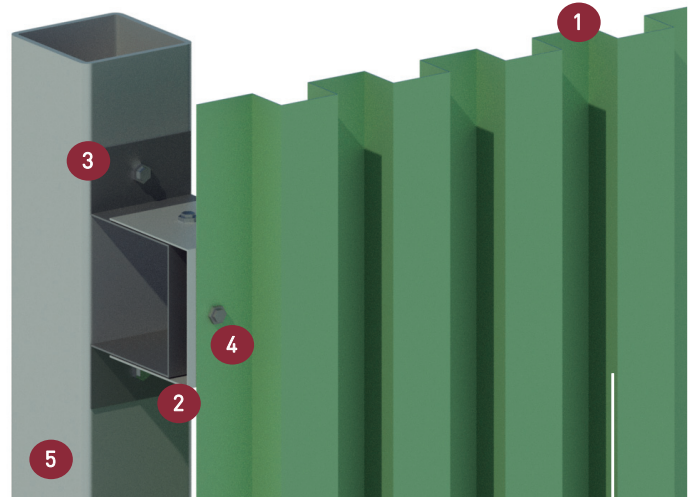
CONSTRUCTION DETAILS

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 made to truly **personalize** the finishes.

VERTICAL MOUNTING



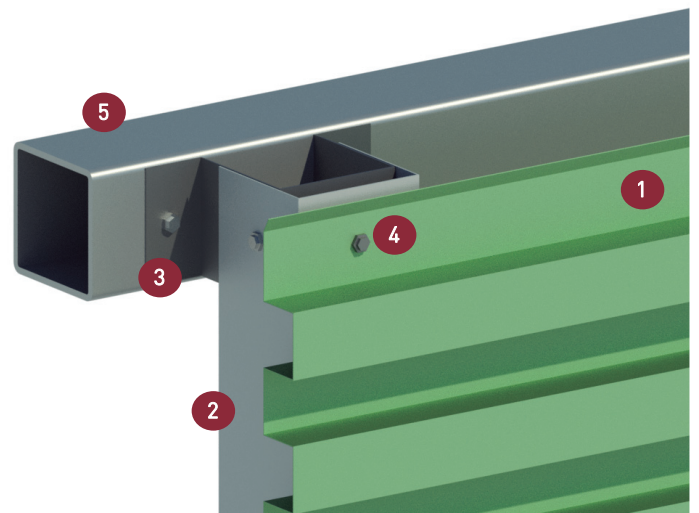
VERTICAL FASTENING DETAIL



LEGEND:

- ① HIANSA PF-MENORCA 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 MOUNTING

HORIZONTAL FASTENING DETAIL