



Marine metal ceiling System



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MARINE CEILING SYSTEM



Modular metal suspended ceiling system with hidden structure for marine applications

The NAVAL ceiling system consists of metal panels supported by a modular structure designed for use on boats.

This system guarantees excellent flatness of the surfaces, maximum flexibility of use and durability of the product over time.

Main advantages:

- Ease of cleaning;
- Flexibility and ease of assembly;
- Inspection of the above technical compartment in case of maintenance;
- Ability to perform any drilling during production for the passage of pipes or for the installation of ceiling devices.

MARINE SYSTEM

Technical features

Materials	Galvanized steel Aluminum
Versions	Tiles Planks
Finishes	Pre-painted RAL Powder coated RAL PVC coated steel
Structure material	Galvanized steel
Standard sizes	600x600 mm 1200x600 mm
Special executions	Minimum 400x150 mm Max width 1200 mm Max length 3000 mm
Hollow space	> 100 mm
Reaction to fire EN 13501-1:2009	Painted: A1 PVC coated: B s3, d0
Panel versions	Beveled edges a 45° Standard edges a 90°
Accessories for assembly	The system is equipped with a complete range of accessories for the Suspension



MODULAR STRUCTURE

The modular structure of the system allows to assemble the false ceiling in a simple and fast way, with few components normally available in stock.



CUSTOM EXECUTIONS

It's possible to make any customization, in terms of materials, processing and construction features on standard products.

Thanks to a flexible production system, we can supply small batches for each variant or size.



TRACEABILITY OF THE PRODUCT

The product packaging shows the data of the production batch and all the characteristics of the false ceiling.

This allows you to easily identify the components during the assembly phase of the system.

MAIN ADVANTAGES

- Prompt delivery for standard products
- Possibility of use in the most varied combinations and situations
- Quick and easy installation of the panels from below which allows for maximum space for the cavity
- Possibility of removing the single panel from the structure for easier inspection
- Support and advice from the design phase to production





COLOR COLLECTION

The naval ceiling system panels are available in three material categories:

Pre-painted, post-powder-coated and pre-plasticized sheet.

The standard color table is shown below. Other colors can be made on customer request or on specific sample.

	PREPAINTED		POWDER COATED						
▶	RAL 9001	▶	RAL 9003	▶	RAL 9010	▶	RAL 9005	▶	RAL 9006
									
	PVC COATED								
▶	WHITE	▶	LIGHT GREY	▶	MEDIUM GREY	▶	DARK GREY	▶	SILVER
									

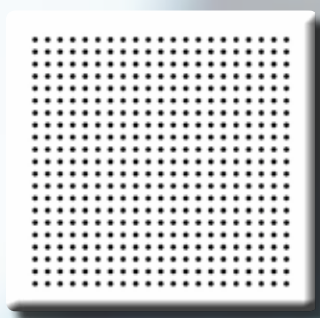
STANDARD PERFORATIONS

The false ceiling panels can be supplied in solid sheet metal or, if there are specific aesthetic or functional needs, also in perforated sheet metal.

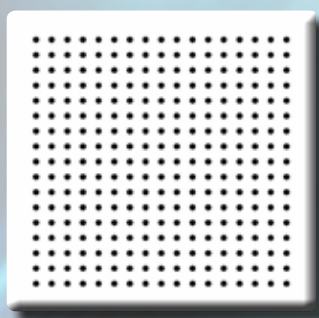
The Viledon SoundTex® sound-absorbing film can be applied on request where necessary.

PARALLEL PERFORATION

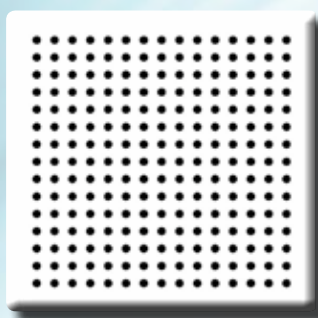
▶ $\varnothing 1,5 - 4 \times 4 - 90^\circ$
V/P 11%



▶ $\varnothing 1,8 - 5 \times 5 - 90^\circ$
V/P 10%



▶ $\varnothing 2,5 - 5,7 \times 5,7 - 90^\circ$
V/P 15%

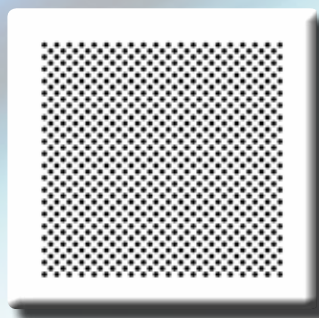


▶ $\varnothing 2,5 - 5,3 \times 5,3 - 90^\circ$
V/P 17%

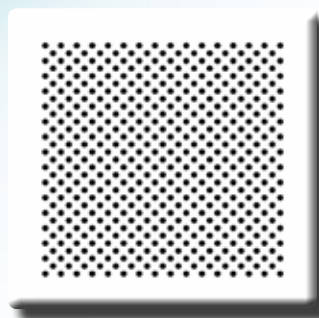


DIAGONAL PERFORATION

▶ $\varnothing 1,5 - M2,8 - 45^\circ$
V/P 22%



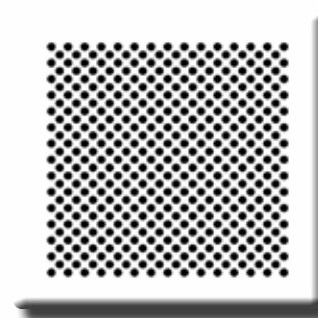
▶ $\varnothing 1,8 - M3,54 - 45^\circ$
V/P 20,3%



▶ $\varnothing 2,5 - M4,09 - 45^\circ$
V/P 29,2%



▶ $\varnothing 2,5 - M3,74 - 45^\circ$
V/P 34,9%



All dimensions are nominal and expressed in millimeters
All technical specification data and information can be changed
without notice



▶ CLIP FOR ELIOS PIPE D=22mm



Article	NAV_CLIP_T22
Material	Galvanized steel
Color	RAL 9005

The clip allows you to hook the panels to the structure made up of Elios tubes

▶ CLIP FOR ELIOS PIPE D=22mm 90 DEGREES



Article	NAV_CLIP_T22_90
Material	Galvanized steel

The clip allows you to hook the panels to the structure made up of Elios tubes at 45 degrees

▶ JOINT FOR ELIOS PIPE



Article	NAV_GIUNTO_D22
Material	Steel

Coupling sleeve for Elios tube.

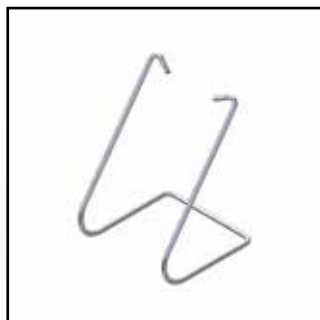
▶ OMEGA ADAPTER FOR IMBONAGE



Article	NAV_OMEGA
Material	Steel

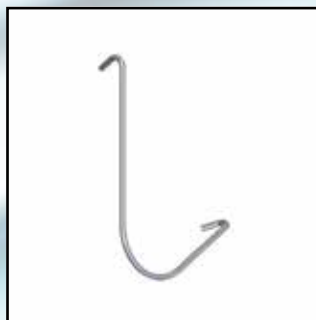
Adapter to suspend the suspended ceiling structure from the subscription to the ship's structure.

▶ SPRING FOR HARNESS 90 DEGREES



Article	NAV_MOLLA_90
Material	Steel

▶ SPRING FOR HARNESS 45 DEGREES



Article	NAV_MOLLA_45
Material	Steel

▶ "L" SHAPED PERIMETER TRIM



Article	NAV_PFL
Length	3000 mm
Material	Galvanized steel

The profile constitutes the perimeter support of the panels. It has a seat for inserting the pressure plate spring. Supplied raw or painted in the same color.

▶ ELIOS PIPE D=22mm



Article	NAV_TUBO_D22
Length	3000 mm
Material	Steel

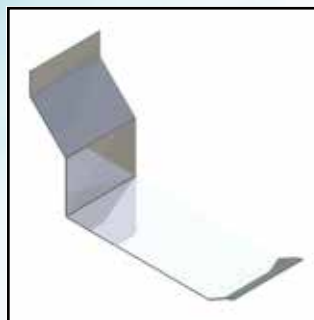
It constitutes the structure of the false ceiling. The tube can be painted in black RAL 9005 or other color on request.

▶ SECURITY HOOK



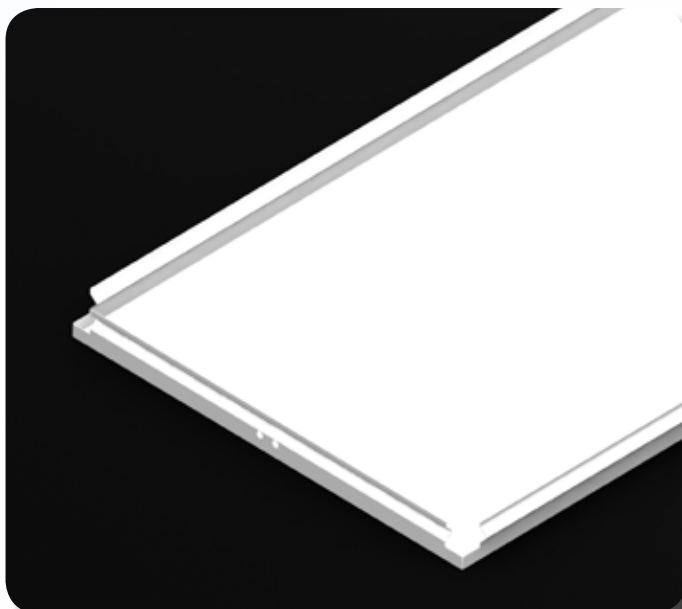
Article	NAV_GANCIO_SICUR
Material	Steel

▶ PERIMETER SPRING



Article	NAV_MOLLA_PERIM
Material	Steel

Binds the panels to the perimeter profile, preventing them from lifting.





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Product information is based on the current state of our knowledge. Published specifications are subject to change without notice.

The suitability of the product for a specific application must be determined by the customer.

The color references shown are for illustrative purposes and may not correspond to the final effect.

The publication of these data, even partial, without the written permission of TRE C is prohibited.

For any specific request, do not hesitate to contact our sales department.



CERTIFIED MANAGEMENT SYSTEM
ISO 9001

CERTIFICATE No. 36496/18/S

Marine Metal Ceiling System