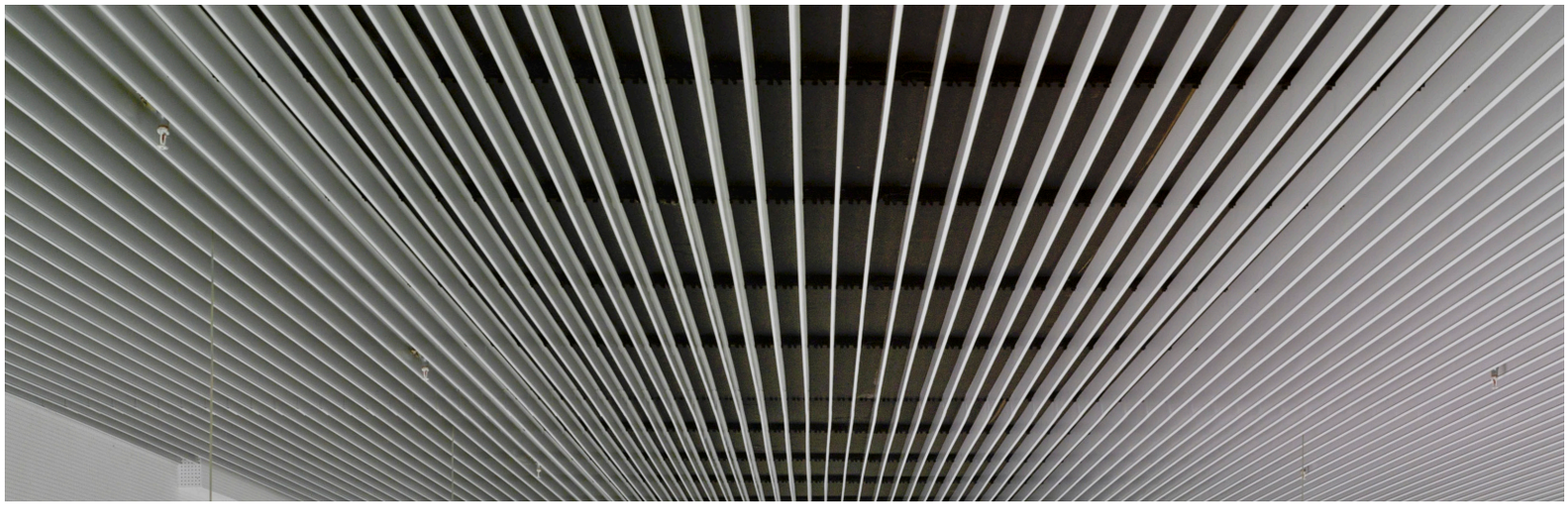


Verona Slats
/THU

Using a system of black pre-lacquered metal battens, a structure is created consisting of vertical slats that are 100 mm, 150 mm or 200 mm high, with each slat being individually removable.

The Verona slat provides a minimalist look by visually separating the plenum from the rest of the room.

Depending on the size of the slat and the project requirements, they can be positioned at different spacings by selecting the appropriate slots on the batten, allowing for a wide range of different combinations. The slats are manufactured in highly resistant and durable aluminium and since this forms an open drop ceiling, it is easy to maintain and the plenum space can be accessed easily.

With the lighting solution developed specifically for this model, it is possible to create uncluttered, attractive ceiling surfaces, helping to create unique, harmonious spaces.

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THU/ **Verona slat**

DOCUMENT INFORMATION

DOCUMENT VERSION
Version 01 / 10-08-2026

LATEST VERSION

To view the latest version of this document, scan this QR code.

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INFO/ **Verona slat**

GENERAL DESCRIPTION

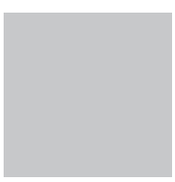
High-performance linear metal ceiling system, composed of vertical slats suspended in parallel along an exposed support structure. Each component can be removed individually. The width and spacing between slats vary depending on the model.

Item	Material	Width-Thickness	Surface	Size (mm) width x height x length
black U-100 batten (Veneto)	steel	26 / 0.6mm	smooth	26 x 41 x 3000 mm
Verona slat	aluminium	11.86 / 0.45mm	smooth / perforated	11.86 x 100-150-200 x variable length

CUSTOMISATION

standard colours

Silver 9006



White AL



Other colours and perforation rates on request.

RAW MATERIALS

Characteristics of the raw materials

Pre-lacquered polyester slats with a coating thickness of 25 microns in a standard plain colour. This type of finish is highly resistant to corrosion and offers excellent durability (gloss and colour retention). We can provide slats in any other colour, subject to special supply conditions.

PERFORMANCE

Key Characteristics	Performance Features	Harmonised Technical Specifications
Reaction to fire	A1	UNE-EN 13501-1:2019
Asbestos content	None	-
U-100 batten load-bearing capacity (Veneto)	Permissible bending moment (Class 2) $1.99x10^4$ N·mm Flexural rigidity (EI) (Class 2) $7.45x10^8$ N·mm^2	UNE-EN 13964:2016
Durability	Class B	UNE-EN 13964:2016

PROPERTIES

Mechanical tests at AIMME (UNE-EN 13964:2006)

U-100 batten bending test (Veneto), report S07-00098 prepared by AIMME. 10 bending tests with a span length of 1500 mm were performed on battens for a Class 2 deflection, yielding the following data:

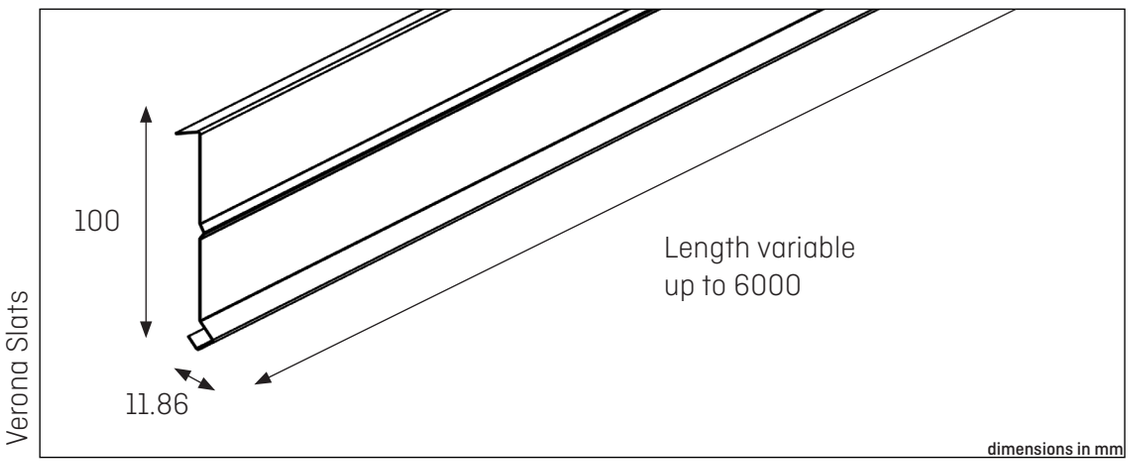
- Maximum permissible permanent deflection = 0.20 mm
- Average permanent deflection = 0.13 mm
- Flexural rigidity EI (Class 2) = $7.45x10^8$ N·mm^2
- Permissible bending moment (Class 2) = 5.34×10^4 N·mm

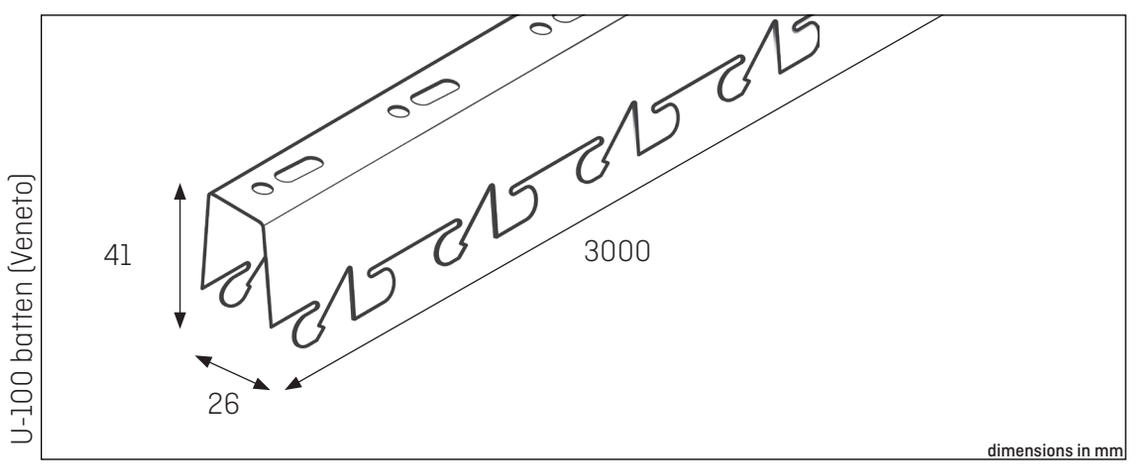
Reaction to fire tests at AFITI (UNE-EN 13501-1: 2019)

Test on pre-lacquered Verona slats (smooth or perforated with a veil, in aluminium) at AFITI, report 4205T20-2 ALUMINIUM Result: Euroclass A1. Non-combustible product (no contribution to fire).

GEOMETRY

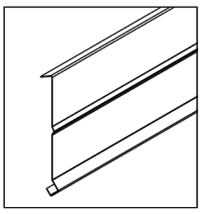
Bearing elements in standard mounting configurations



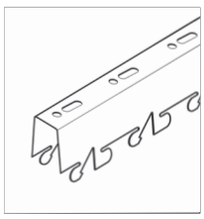


MATERIALS

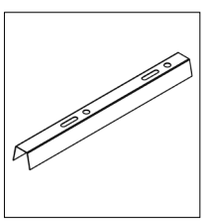
Bearing elements, add-ons and accessories in standard mounting configurations



1) Verona slats
Linear ceiling elements made of 0.45 mm-thick pre-lacquered aluminium.



2) U-100 batten (Veneto)
Primary profile made of galvanised steel, pre-lacquered black and 0.6 mm thick. The profile is suspended using a set of threaded rods (M6) and nuts with washers for fastening and height adjustment. 3000 m long.



4) Batten joint
Component used to join together battens, with a length of between 10 and 20 cm (depending on the batten spacing) and made of 0.6 mm-thick steel and pre-lacquered in black. The joint is connected to the battens by means of an M6 screw and a nut that is inserted into the part's upper holes that are aligned with the holes in the batten.

ASSEMBLY/ **Verona slat**

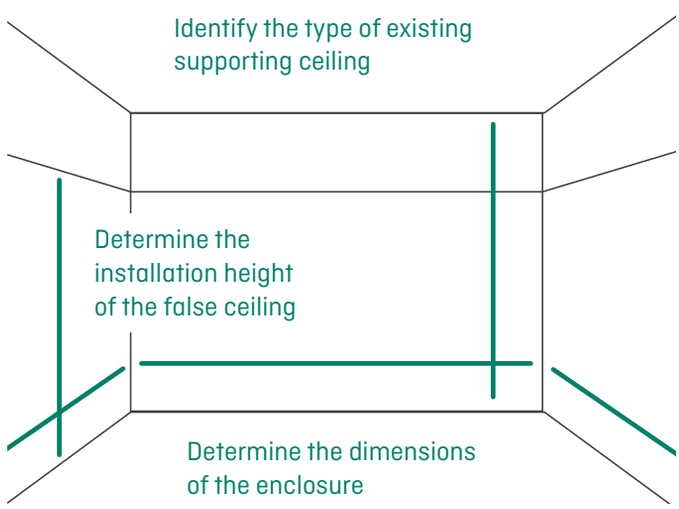
ASSEMBLY PROCESS

In the Verona system, the slats are detachable and removable at any point.

Once the required installation conditions have been met (enclosures and other installations are complete and have been cleaned), the ceiling is installed by following the steps below:

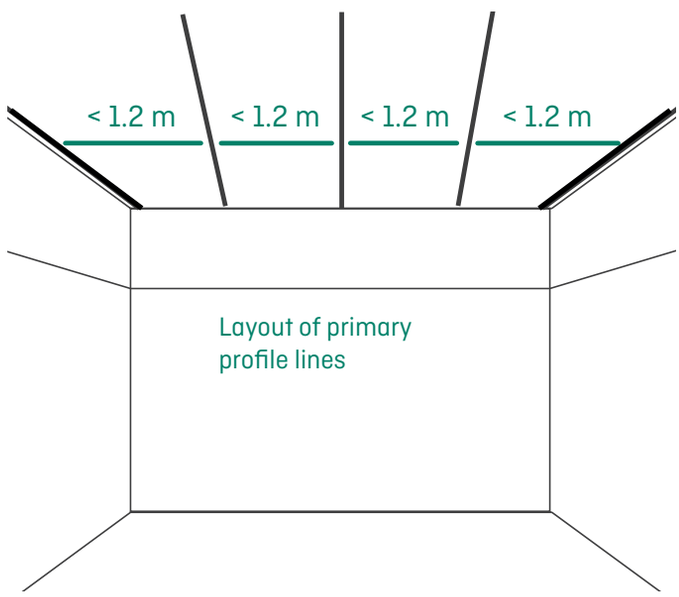
1) Identify the type of upper support used (concrete, steel, etc.) to adapt the fixing elements to it. Calculate the dimensions of the enclosure to be covered and determine the height at which the ceiling will remain. Mark the height at which you want to place the ceiling on the walls (along the entire perimeter of the enclosure). This can be done using a chalk line or any type of laser level.

1



2) On the ceiling, mark the lines along which the primary profiles will run and therefore where the hangers will be installed to support them. A symmetrical layout with respect to the central axis of the enclosure is recommended, so that the end pieces can be cut to the same size. For this purpose, you should align the primary profile with the central axis.

2

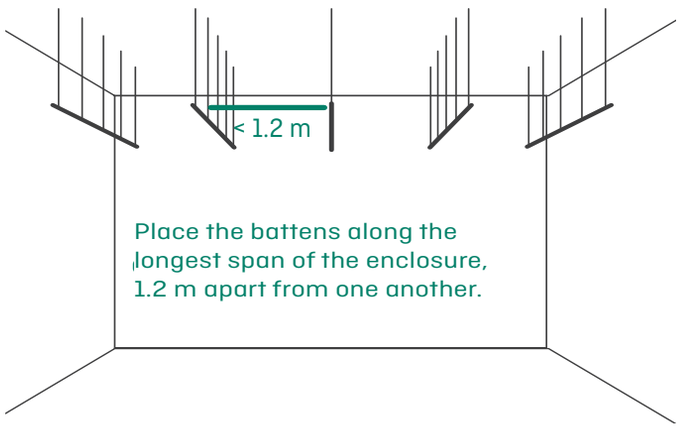


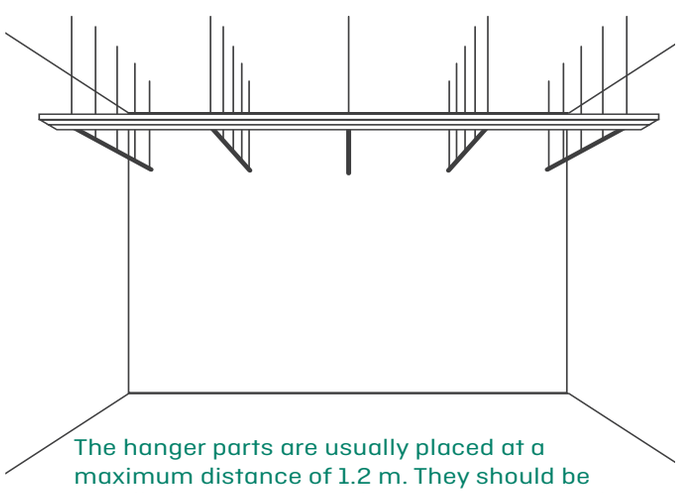
ASSEMBLY PROCESS

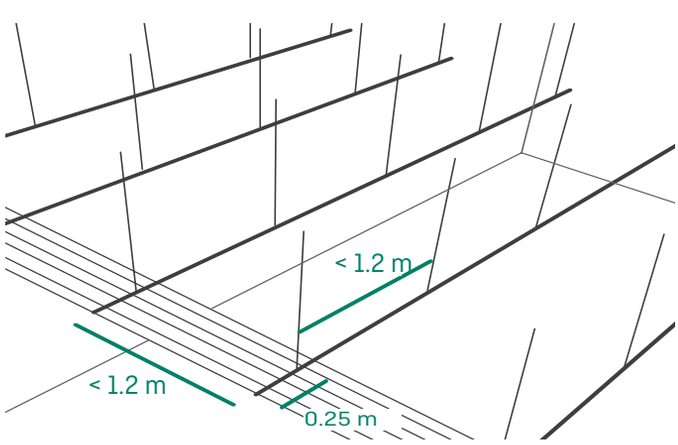
3) The primary profiles are mounted following the layout lines.

Anchor the hangers to the upper support according to the type and material of the chosen fastening. At the ends, the hanger must be within 30 cm of the beginning of the profile, with two hangers - one on each profile - placed at the joints. The recommended spacing between hangers is 1 m, with a maximum distance of 1.2 m. Once all the primary profiles have been fitted, they must be levelled. Next, fit the batten joints, securing them to both battens using a screw and nut, and finally, make sure that the level of the entire system has not been affected. The ends of the rods on the hangers must be cut above the installation line to avoid any interference.

3




The hanger parts are usually placed at a maximum distance of 1.2 m. They should be installed at approximately one-metre intervals.



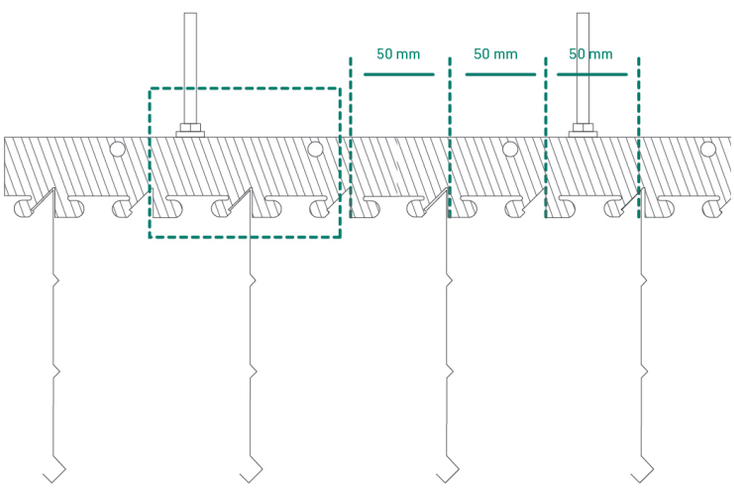
Recommended maximum distances between hangers, profiles and profile ends

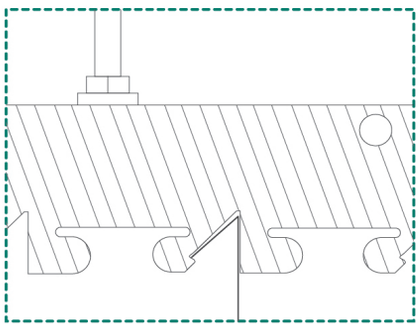
ASSEMBLY PROCESS

Slat installation

Installation using U-100 battens (Veneto). Suitable for all slat heights; for use in indoor areas not exposed to draughts.

- Slat dimensions: 11.86 mm wide x 100, 150 and 200 mm high.
- Distance between slat centres: multiples of 50 mm (50 mm, 100 mm, 150 mm, 200 mm, etc.).
- Recommended distance between slat centres: equal to the height of the slat.
- The ends of the slats must be no more than 25 cm from the point where they intersect with the batten.

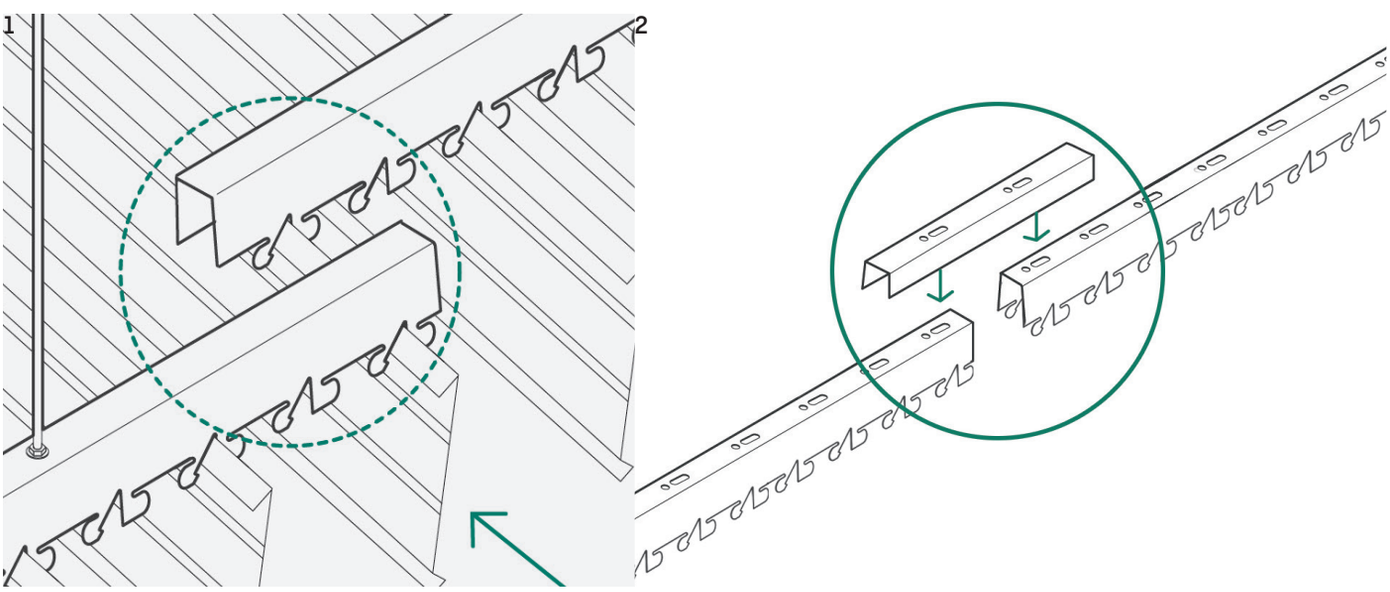




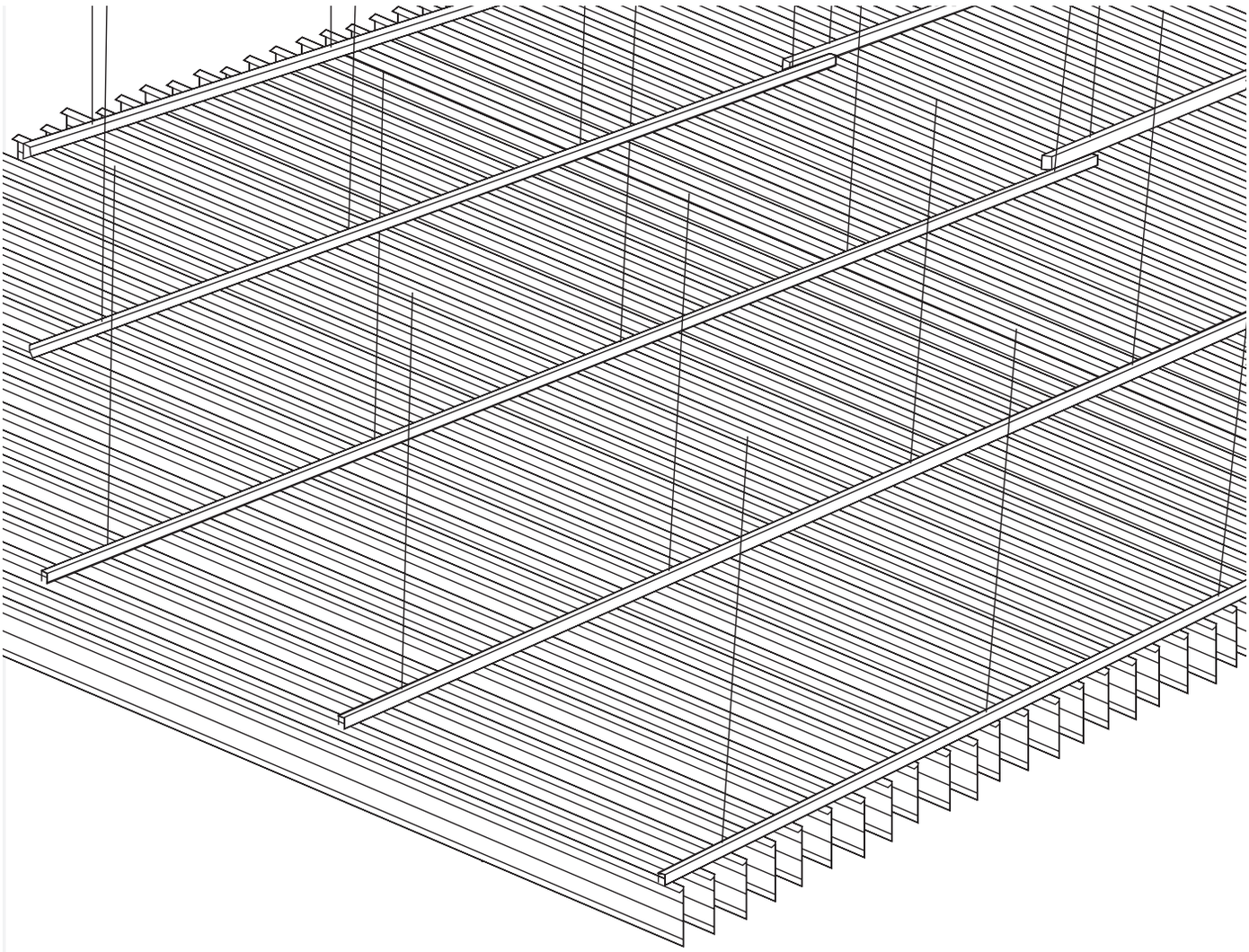
Detail of placement of slats on battens
The spacing between slats is usually:
- 50 mm Verona every 50 mm
- 100 mm Verona every 100 mm
- 200 mm Verona every 200 mm

The spacing between slats is adjustable in multiples of 50 mm

In addition to not exceeding the maximum distance between battens, a hanger must always be placed within 25 cm of the ends of the battens, whether in a single-batten configuration or in an installation with several battens aligned and/or joined together. There are two ways to join the battens: the first method is without aligning them, by overlapping one batten with the next at different levels so that a slat is secured by both battens (1). The second method uses the supplied joining piece to connect one batten to another in a continuous line, by securing the joining piece to both battens using a screw, nut and washer (2). Hangers will still need to be installed at both ends of the batten. It is important that the joint is fitted before the substructure is levelled.



Slat installation. Final appearance



PREREQUISITES FOR INSTALLATION

- THU ceiling products must be stored indoors and must not come into direct contact with water. They must never be stored outdoors or partially outdoors.
- THU Profile removable ceilings are installed during the last phase of construction, once all enclosures and building services are in position.
- The area where the ceiling is to be installed must be clean and free from obstacles that might hinder the installation process.
- It is recommended that products NOT be kept in storage for more than 3 months.

STORAGE AND INSTALLATION

- The components of any THU system must be stored in dry, well-ventilated areas, away from heat sources and protected from direct sunlight and rain.
- THU products are tested and approved for indoor use, without direct exposure to the elements or to the fluctuations in temperature/humidity associated with the outdoors.
- Only install when the building (or the relevant area of the building) is wind and watertight, when all traces of moisture have disappeared, and when the environmental conditions are suitable, i.e. the temperature (15°C to 25°C) and the humidity (35% to 70%).
- Once installed, each element must be free of all traces of packaging, protective film, surface markings or handling marks.

MAINTENANCE AND CLEANING

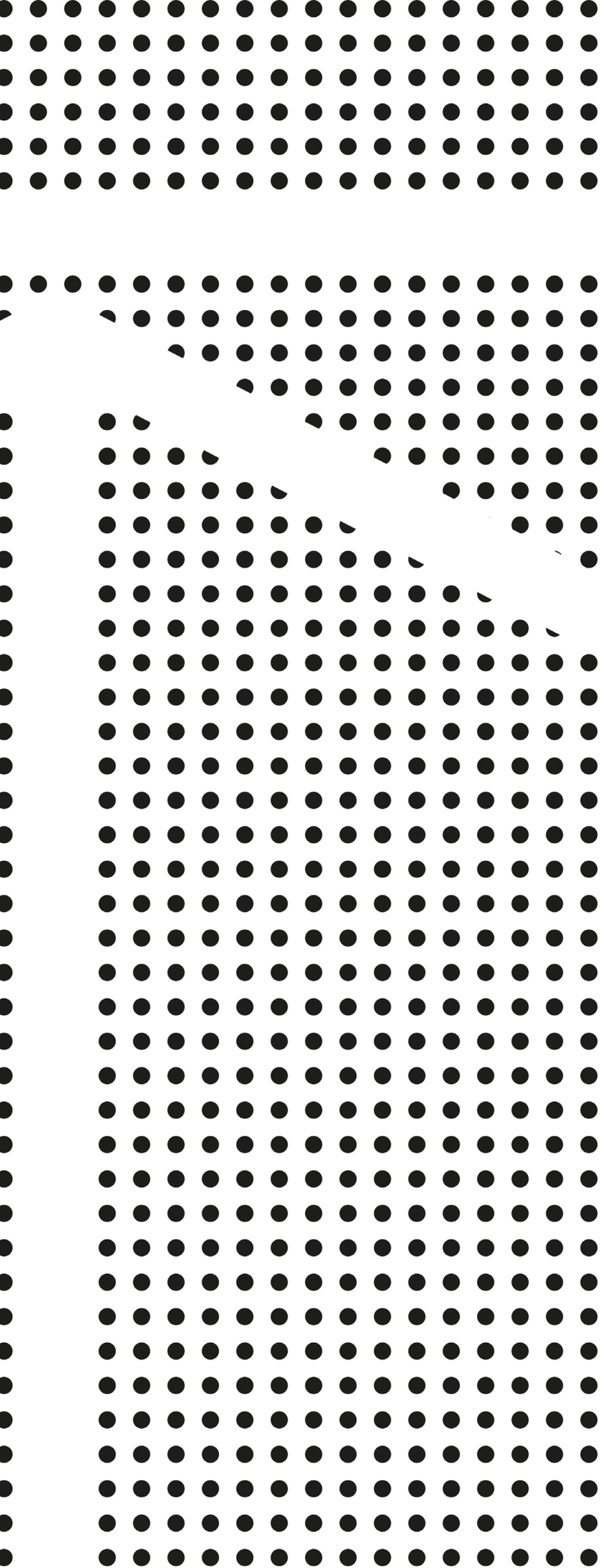
- Only clean with soapy water (neutral soap without added waxes or polishes) and rinse.
- Do NOT use solvents or degreasers.
- Use a soft cloth to wipe any excess water from the surfaces, taking care not to damage the surface of the product.

SUPPLY

- 100 mm Verona slat -> 20 units/box, 400 units/pallet
- 150 mm Verona slat -> 20 units/box, 300 units/pallet
- 300 mm Verona slat -> 20 units/box, 200 units/pallet
- U/Verona/Veneto batten -> 10 units/box, 400 units/pallet

WASTE MANAGEMENT

- To ensure the correct management of waste, contact an authorised waste management company, use the on-site storage points indicated by the site management and/or place the waste in the public waste containers provided for cardboard, plastic, glass and general waste.



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