

VERT FLAT

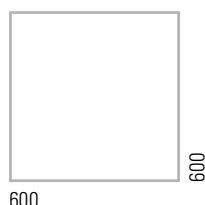
on **T24** structure

DESCRIPTION

Vert Flat is a modular, simply installed false ceiling for interior use. The panels can be accessed at every point and are made of steel or aluminium, with a smooth or perforated finish. The harmony of the system is achieved by using the Vert Visio Led light fixture and plenum (supply and return), integrated into the false ceiling.

TECHNICAL CHARACTERISTICS

European standard:	CE - EN 13964
Durability:	Class B
Fire resistance:	A1
Sound absorption:	EN ISO 354
Standard colour:	Pre-painted White - Silver - Mirror Aluminium Post-painted RAL - NCS - Sublimated
Standard material:	Aluminium (Alloy 3000H46) Galvanised steel (DX51DZ)
Standard thickness:	0,4 - 0,5 - 0,6 mm
Standard modules:	600x600 mm with flush edge
Average system weight:	4-5 kg/mq



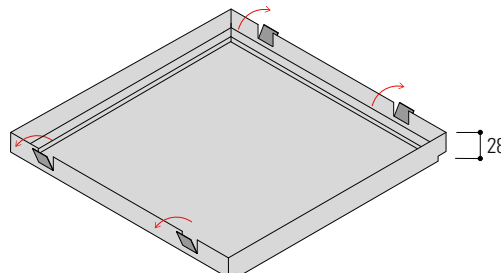
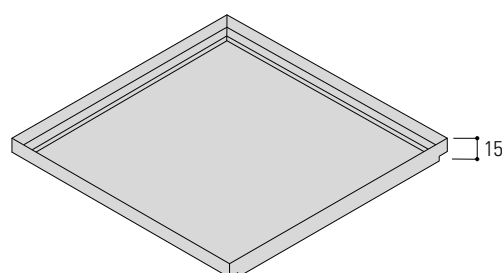
MODEL AND FINISH



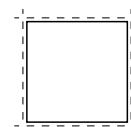
Standard panel



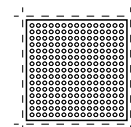
Panel with
anti-release flap



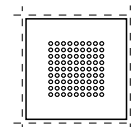
Smooth panel



Perforated panel
with 10 mm
smooth edge



Perforated panel
with 100 mm
smooth edge



VANTAGGI E APPLICAZIONI

DESCRIPTION

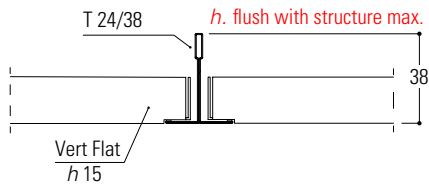
The **Vert Flat** panel consists of a membrane (smooth or perforated) and an exposed substructure that together form a square grid effect, with a small darkening effect. The panel can be of two types:

A) Standard (h 15 mm).

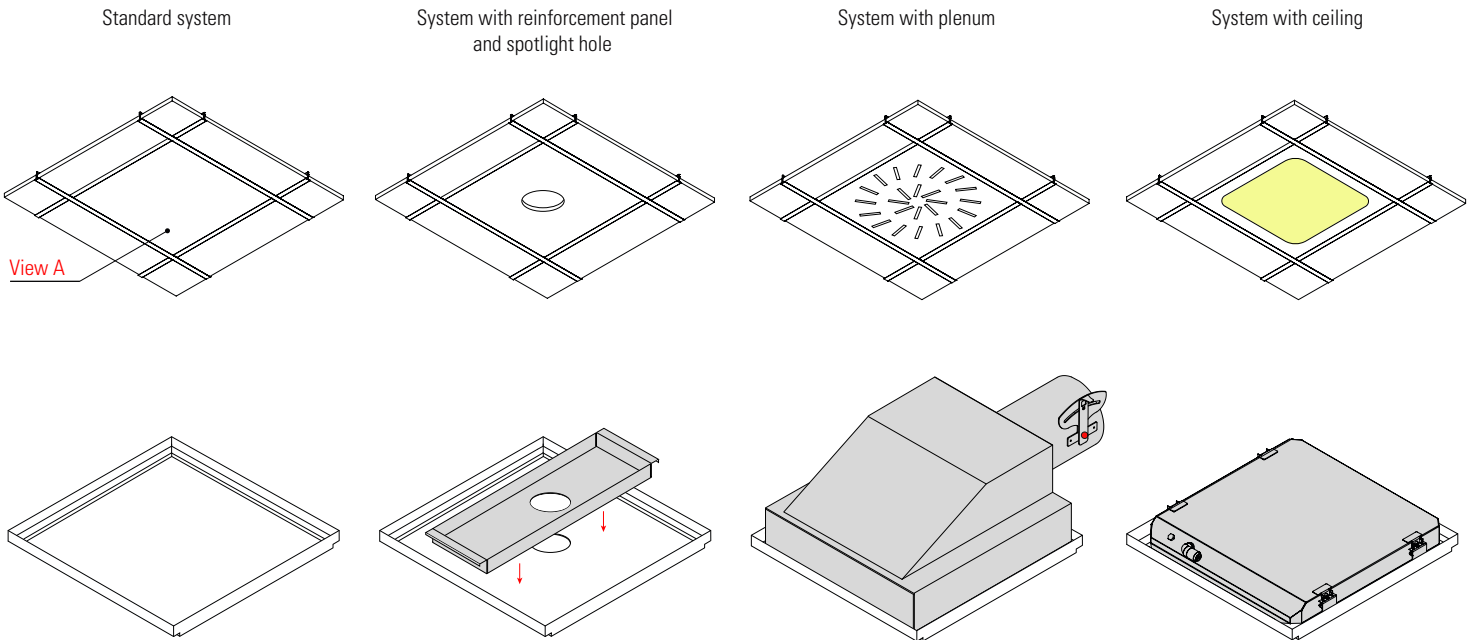
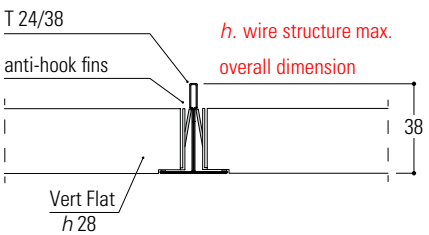
A1) With anti-release flaps (h 28 mm) fitted to the T-structure.

The anti-release flaps ensure that the panel is not lifted, in fact they fit together with the "T" structure, without compromising the punctual accessibility. The panels can be accessed at every point by lifting them from the bottom and can be equipped with lighting fixtures and integrated S/R plenums for air conditioning (see system representations).

A) Standard panel



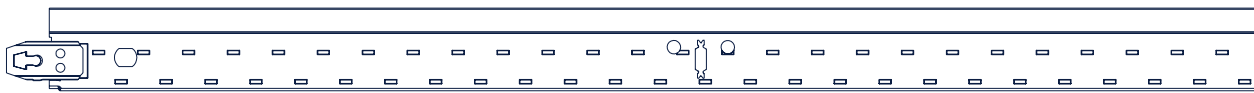
A1) Panel with anti-hook fins



SUITABLE PROFILES

FRECCIA

overlapping profile
with integrated hook



X SEISMIC

overlapping profile
with integrated anti-seismic hook



CLASSIC LINE

overlapping profile
with recessed hook

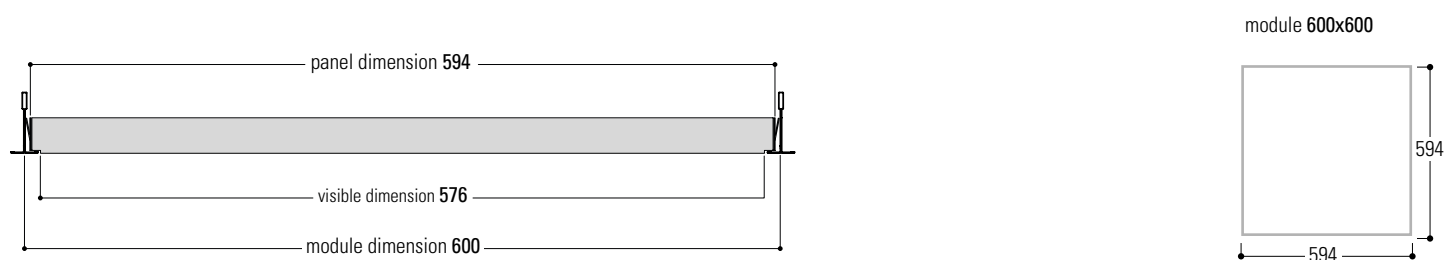


BAIONETTA

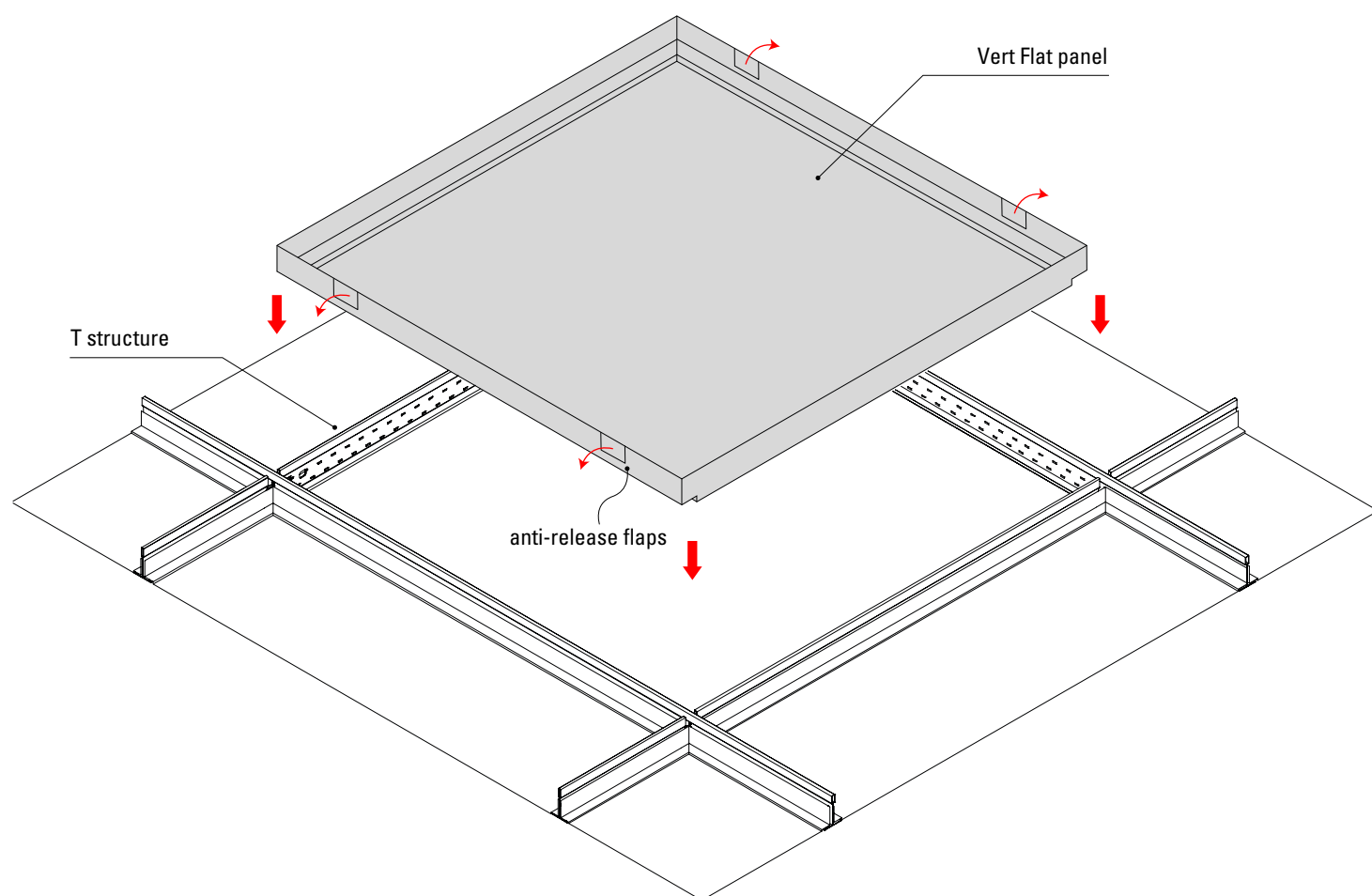
flush-mounted profile
with recessed hook



MODULES AND DIMENSIONS

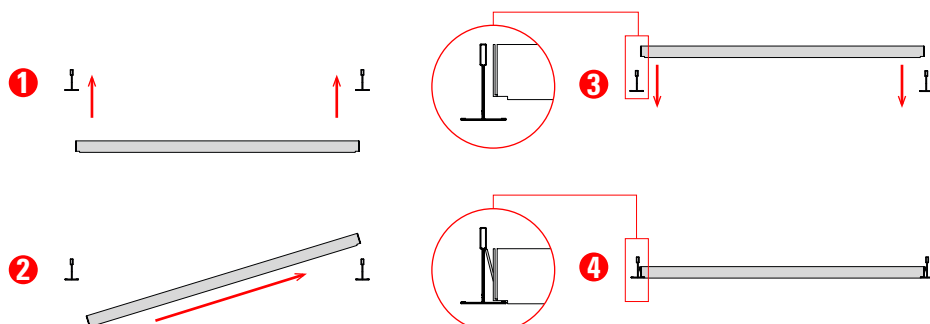


MOUNTING



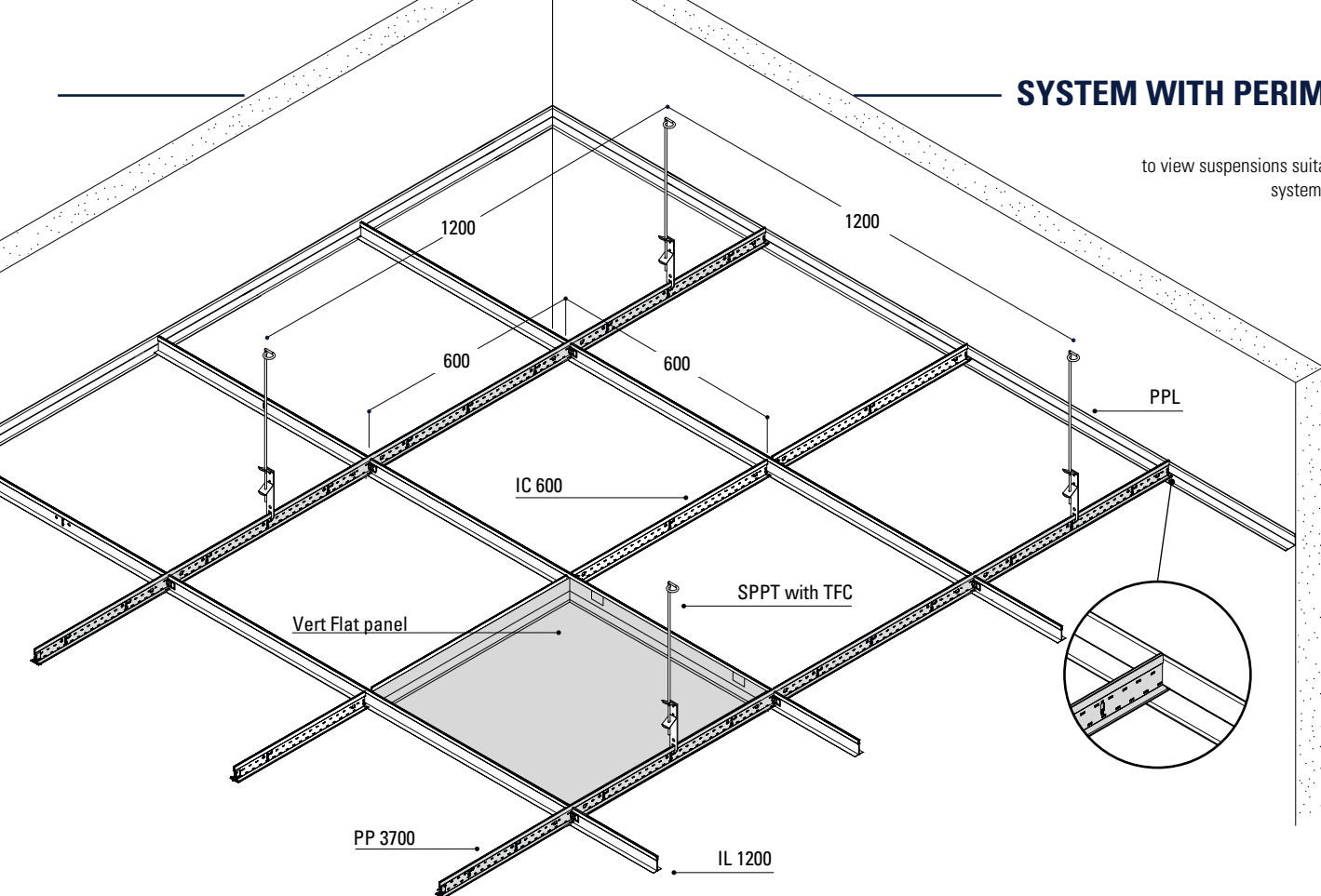
DESCRIPTION

1. Position and centre the panel between the T-profiles
 2. Insert the panel transversally, positioning it on the top of the metal structure.
 3. Place the panel on the T-profiles
 4. Pull down the flaps positioned at the sides of the panel and make sure they engage with the T structure.
- Then make sure that they are properly secured.

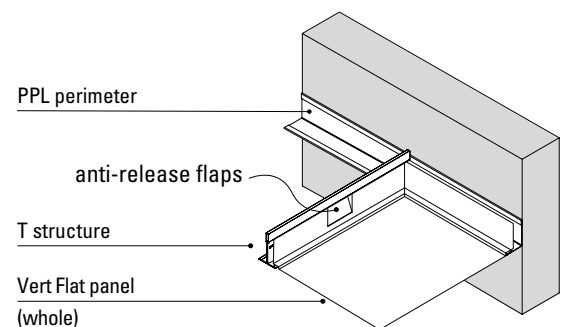
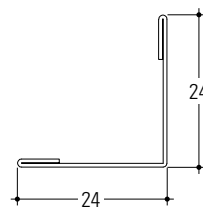


SYSTEM WITH PERIMETERS

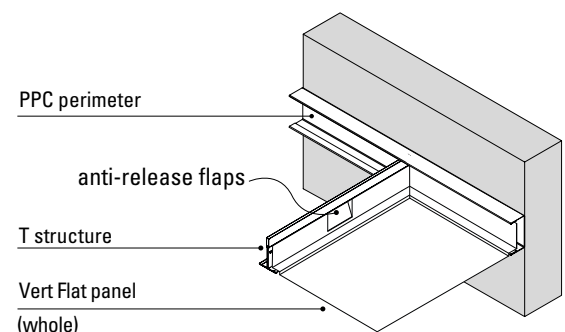
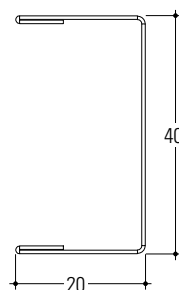
to view suspensions suitable for this system see page 9



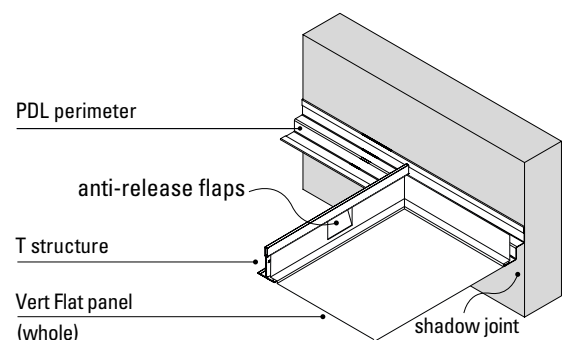
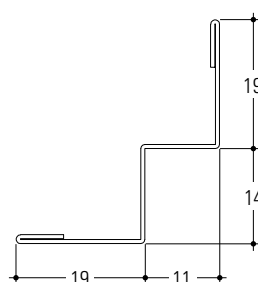
PPL is a classic 'L' perimeter profile suitable for application with Vert Flat type panels. The colour of the PPL profile may vary depending on the T-structure or the chosen panels that will be mounted on the false ceiling.



PPC has the characteristic of making a cut metal panel coplanar by using a "C" profile on the inside, which favours its rigidity and blocking. The colour of the PPC profile can vary depending on the T structure or the chosen panels that will be mounted on the false ceiling.



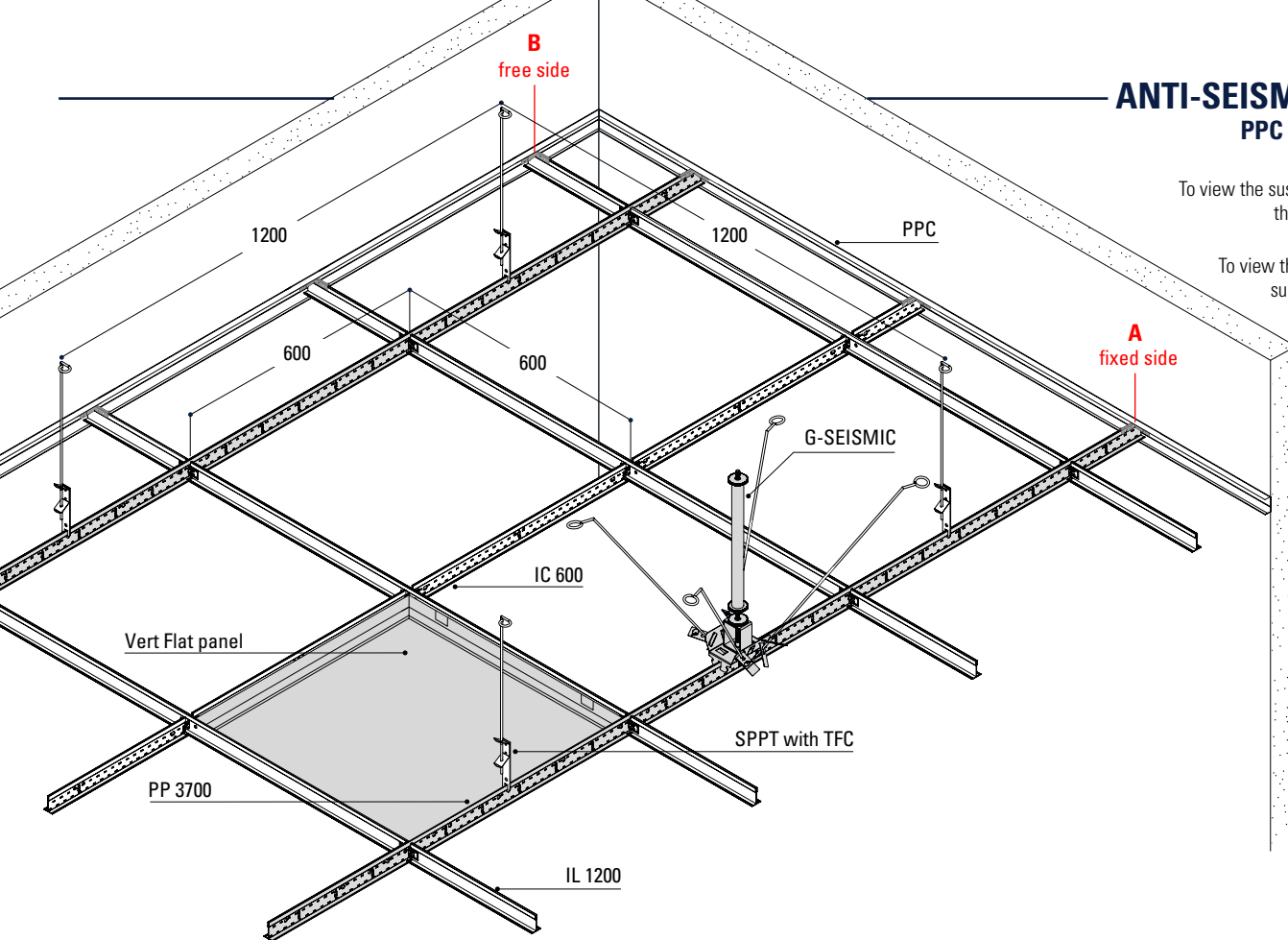
The **PDL**, in addition to its function as a perimeter profile, has as a characteristic the possibility of creating shadow joints due to its stepped shape and thanks to this it is also possible to position the T profile on the top or bottom of it. The colour of the PDL profile can vary depending on the T-structure or the chosen panels that will be mounted on the false ceiling.



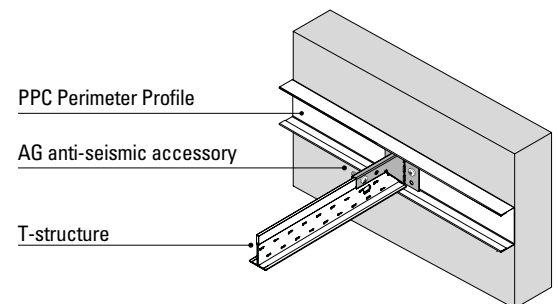
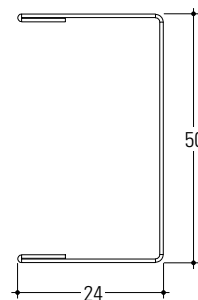
ANTI-SEISMIC SYSTEM PPC perimeter profile

To view the suspensions suitable for this system, see page 9

To view the connecting profiles suitable for this system, see page 8

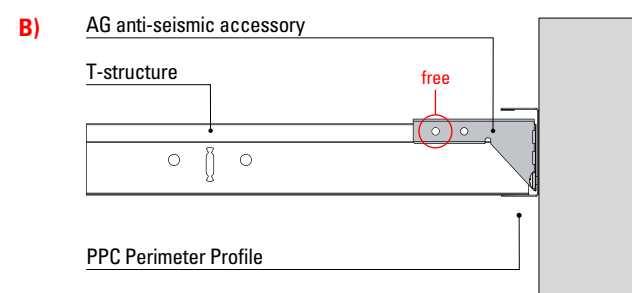
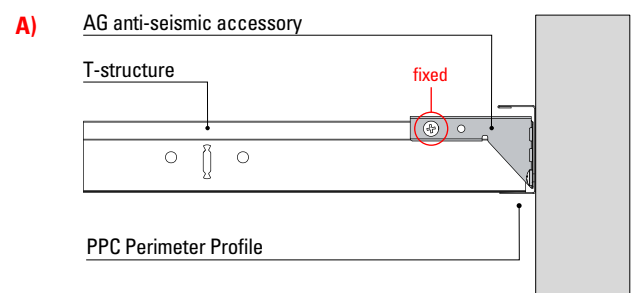
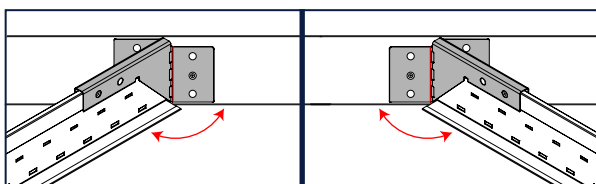


The 50 mm high **PPC** profile not only serves as a perimeter profile but can also incorporate an anti-seismic accessory, which ensures greater safety for the entire system in the event of an earthquake. Fitting the AG accessory is simple and intuitive; once positioned inside the PPC profile, it is secured with screws and can be adjusted in both directions (left-right) to adapt the installation of the structure to individual needs.



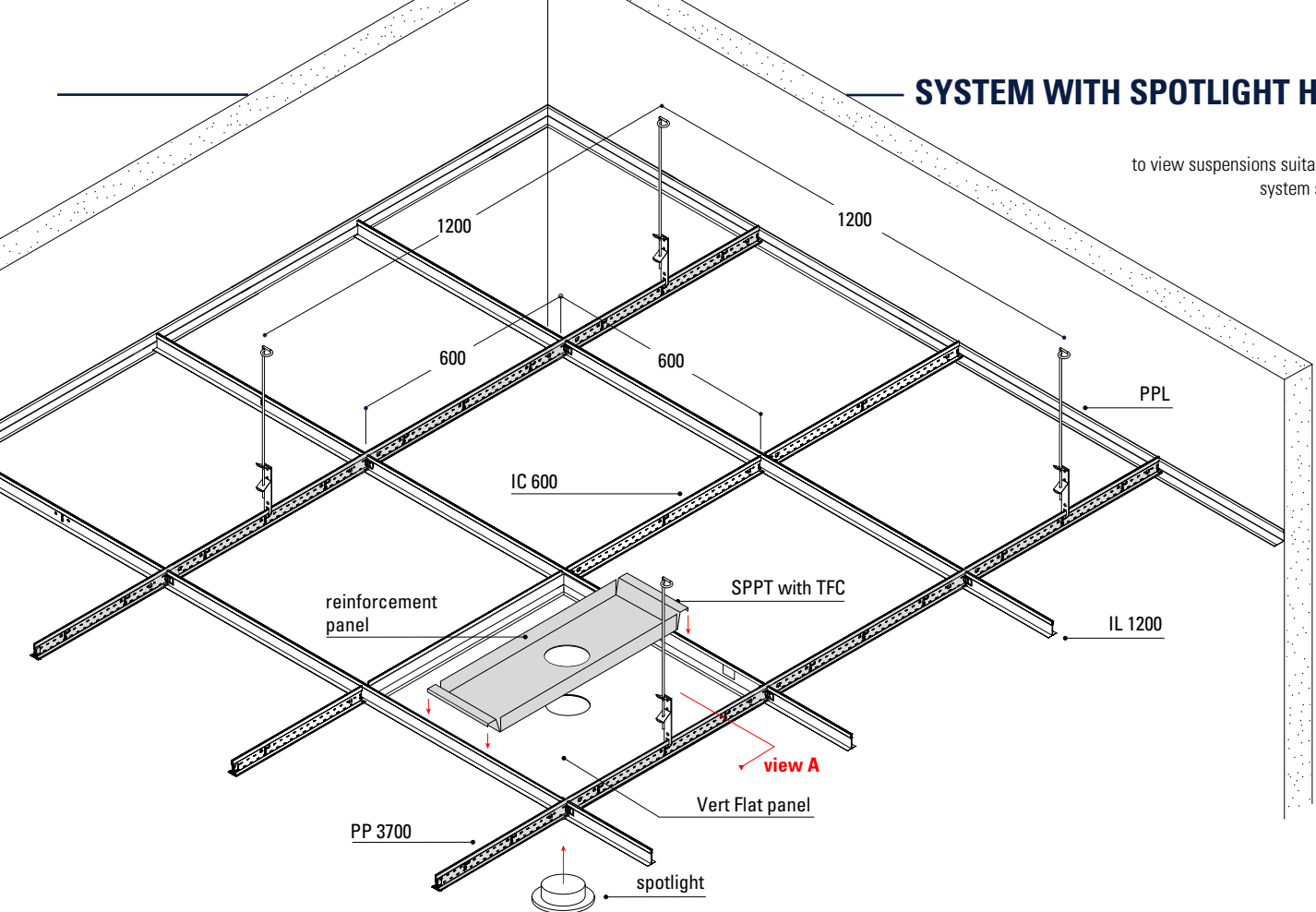
On the perimeter profiles, in order to provide additional restraint against seismic forces, two variants are fitted on opposite sides using the AG fitting. On one side (**A**), the structure is restrained against the wall, preventing any movement, by screwing the AG accessory to the perimeter profile and to the structure; whilst on the other side (**B**), in the event of seismic action, the structure is released from the AG accessory but remains restrained in the direction and unable to perform rotational movements.

Once fitted to the profile, **the anti-seismic accessory** can be adjusted to suit any requirement.



SYSTEM WITH SPOTLIGHT HOLDER

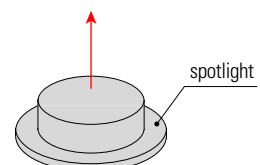
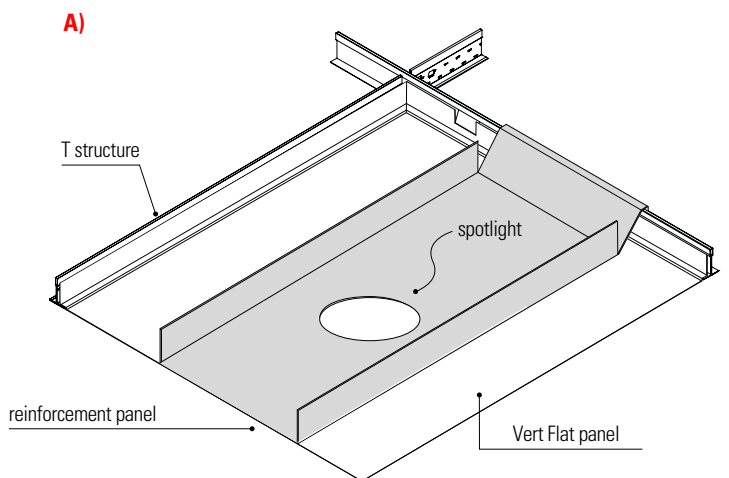
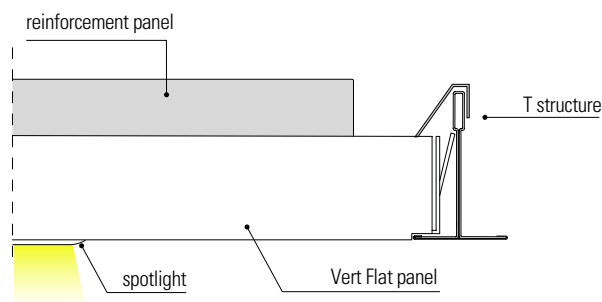
to view suspensions suitable for this system see page 8



INSTALLATION DESCRIPTION

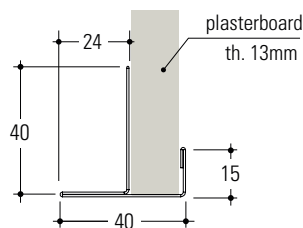
The spotlight is accompanied by a reinforcing panel at the time of installation in order to ensure a better hold, providing a simple and intuitive installation. The spotlight will discharge its full weight onto the reinforcement panel so that no bulges are created on the Vert Flat panel. The reinforcement panel

with its ends will be positioned above the Vert Flat panel by hooking into the sides of the 'T' structure. The last step is the application of the spotlight with consequent connection to the mains supply.

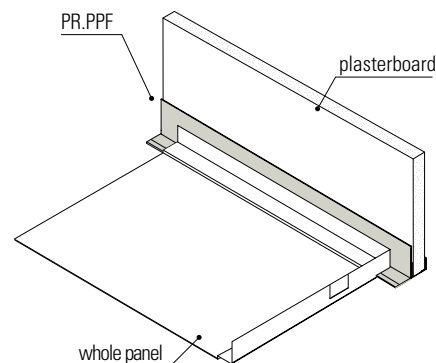


CONNECTION PROFILES

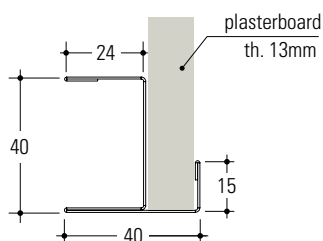
PR.PPF



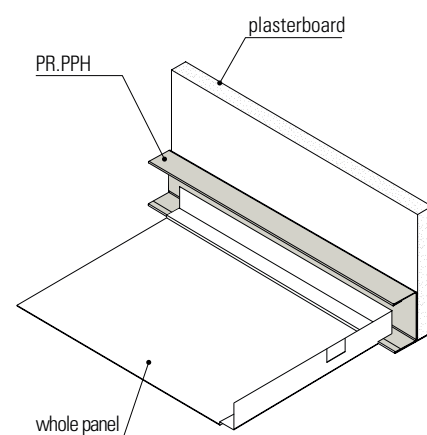
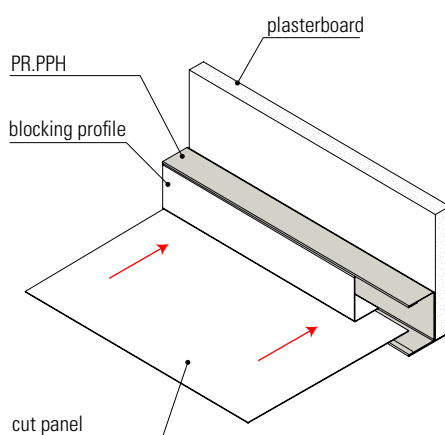
Connecting profile "PR.PPF" for vertical upstand and false ceiling, suitable for installation with Vert Flat system. The adjacent illustration shows the application of the "PR.PPF" profile on a plasterboard panel (13mm thick) and the Vert Flat panel laying on it.



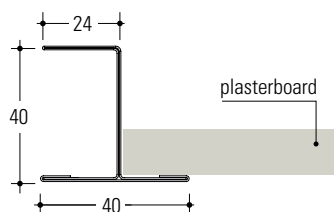
PR.PPH



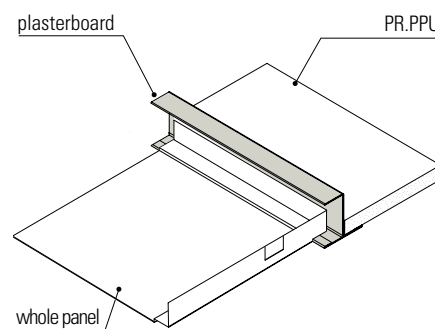
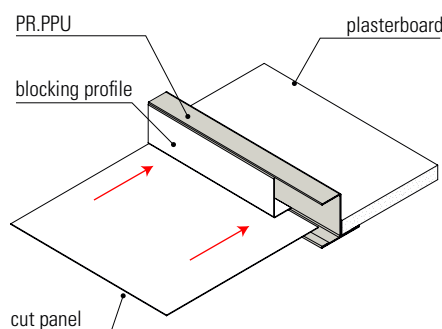
PR.PPH" connection profile for vertical upstand and false ceiling, suitable for installation with Vert Flat system. The profile permits a perfect integration with cut or entire panel. The adjacent illustration shows the application of the "PR.PPH" profile on a plasterboard panel (13mm thick) and the Vert Flat panel laying on it. In the case of cut panel, a "C" blocking profile is added to ensure coplanarity



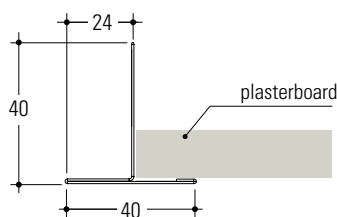
PR.PPU



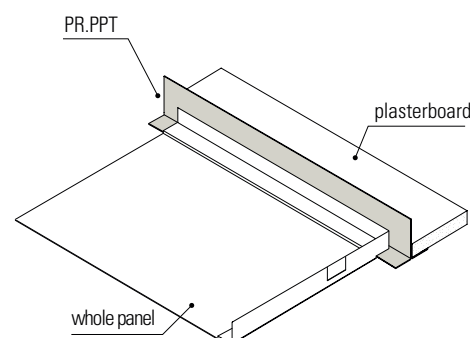
PR.PPU" connection profile for horizontal compensation and false ceiling, suitable for installation with Vert Flat type system. The profile allows perfect integration with cut or whole panel. The adjacent illustration shows the application of the "PR.PPU" profile and the Vert Flat panel in support. In the case of cut panel, a "C" blocking profile is added to ensure coplanarity blocking profile to ensure coplanarity.



PR.PPT

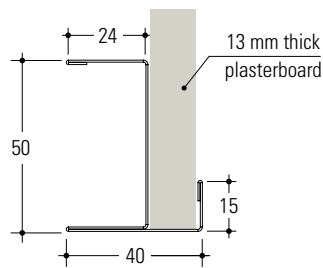


PR.PPT" connecting profile for horizontal compensation and false ceiling, suitable for installation with Vert Flat system. The adjacent representation shows the application of the "PR.PPT" profile and the Vert Flat panel in support

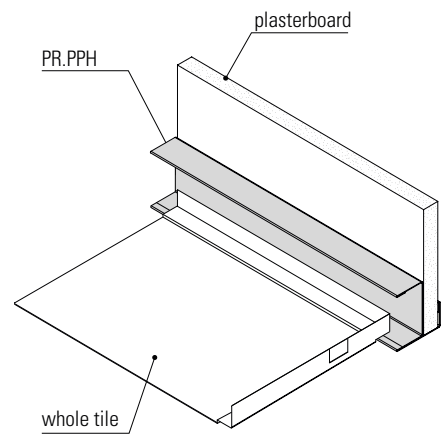
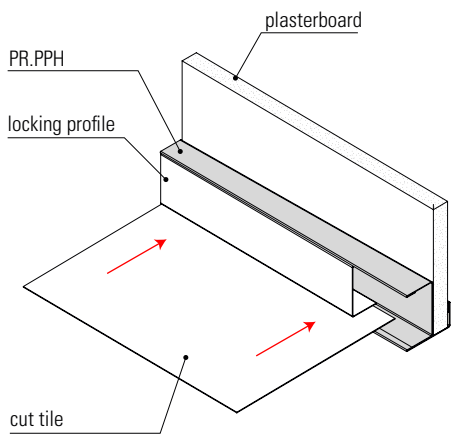


CONNECTION PROFILES FOR ANTI-SEISMIC KIT

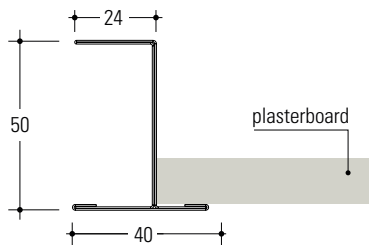
PR.PPH



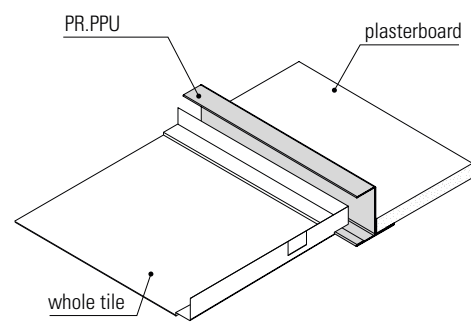
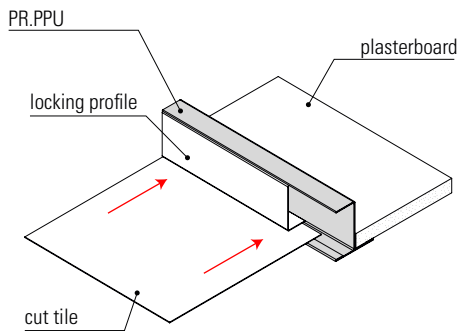
“PR.PPH” connection profile, 50 mm high, for vertical upstand and false ceilings, integrated into systems with anti-seismic kits, suitable for fitting Vert Flat tiles. The adjacent illustration shows the application of the “PR.PPH” profile on a plasterboard tile (13 mm thick) with the Vert Flat tile resting on top. In the case of a cut tile, a “C”-shaped locking profile is added to ensure coplanarity.



PR.PPU



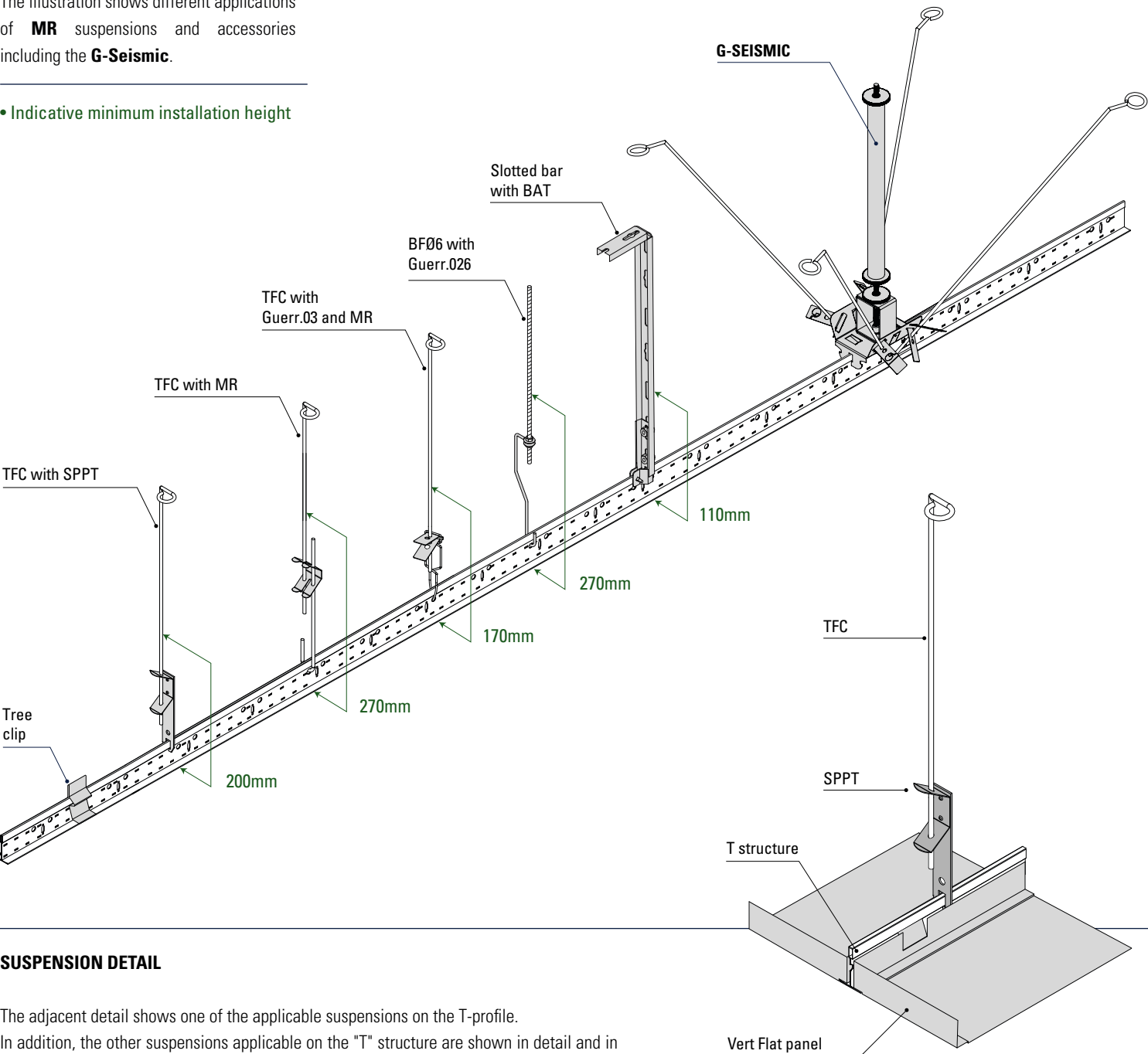
“PR.PPU” connection profile, 50 mm high, for horizontal levelling and false ceilings, suitable for installation with Vert Flat tiles on systems including an anti-seismic kit. The adjacent illustration shows the application of the “PR.PPU” profile with the Vert Flat tile resting on it. In the case of a cut tile, a “C”-shaped locking profile is added to ensure coplanarity.



APPLICATION OF ACCESSORIES AND SUSPENSIONS

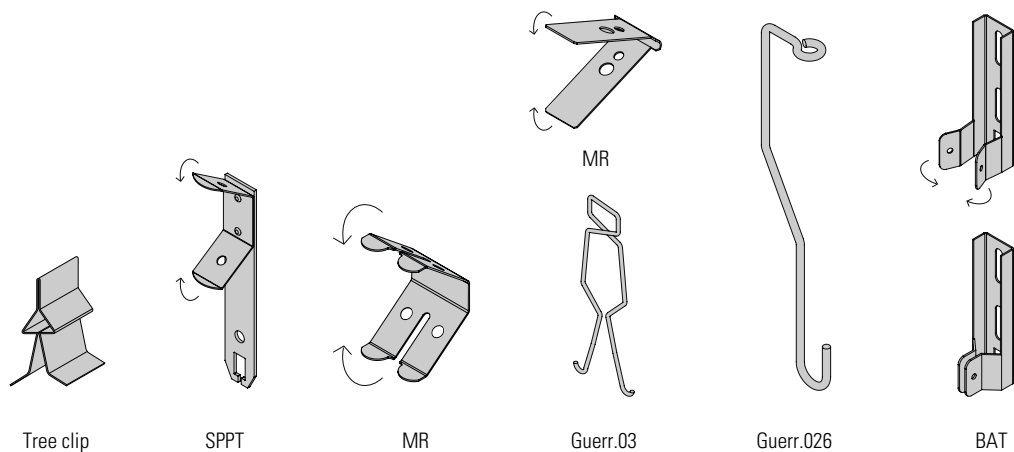
The illustration shows different applications of **MR** suspensions and accessories including the **G-Seismic**.

- Indicative minimum installation height



SUSPENSION DETAIL

The adjacent detail shows one of the applicable suspensions on the T-profile. In addition, the other suspensions applicable on the "T" structure are shown in detail and in their constructional functions in the depictions below



DESCRIPTION OF SUSPENSIONS

The "T" structure has the possibility of having several types of suspension, each of which has its own characteristics that make it suitable, effective and safe to suspend the structure with each type of ceiling. The assembly of the suspensions is simple and intuitive and guarantees practicality when setting up the structure.

NORMATIVE REFERENCES

- Construction product according to Regulation (EU) 305/2011
- CE marking in accordance with EN 13964
- Sheet metal quality and cladding grade in accordance with EN 10143 and EN 10346

CE MARKING

The product indicated in this data sheet is intended for use inside buildings. It is provided with a Declaration of Performance (DoP). Reaction to fire: class A1/Durability: class B (Building components exposed to variable relative humidity up to 90% and temperatures up to 30°C but without corrosive agents, except class C5-M products).

LEED PROTOCOL

This certification is establishing itself as the new world standard for environmentally friendly construction and promotes a sustainability-oriented approach. Evaluation on integrated process, optimisation of energy performance, construction and demolition waste management planning, interior lighting and acoustic performance.

PRODUCT STORAGE

Store parcels in covered places with a relatively dry atmosphere and at a temperature as constant as possible to avoid condensation phenomena that can reduce the passivation state protecting the galvanised surface. In the event of external storage (not recommended), use a cover that ensures perfectly protect the material against the weather (rain, fog, snow), taking care to place the packages slightly inclined. This cover must in any case be such as to allow adequate ventilation (not putting the two surfaces in direct contact), so that moisture does not accumulate and create condensation.

PACKAGING MATERIAL

The packaging is made of cardboard with plastic bags inside containing the panels, all sealed with tape on the outside. The pallet is made of plastic strapping and a wooden wall. The packaging is suitably sized to facilitate handling in warehouses and on construction sites.

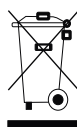
WARNINGS

General warnings

- Please read the following warnings carefully as they are important instructions for safe installation, use and maintenance.
- After removing the product from its packaging, make sure that it is intact, otherwise contact the seller.
- Packaging elements (plastic bags etc.) must not be left within reach of children as they are potential sources of danger.
- Failure to comply with the above may compromise the safety of the product.
- The manufacturer cannot be held liable for any damage resulting from improper, incorrect and unreasonable use.

Important warnings

- The product must not be subject to modification; any modification voids the warranty and may render the product dangerous.
- Antonio Guerrasio s.r.l. shall not be held liable for any damage caused by its products not being assembled in accordance with the instructions.
- The products must be installed in a workmanlike manner.
- The product is also intended to be installed on normally flammable surfaces.



Recycling

the crossed-out bin serves as a reminder to collect the product separately from other waste at the end of its life or to return it to the retailer when purchasing a new appliance of an equivalent type. This helps to preserve the environment from contamination and promotes the recycling of product components. Unauthorised disposal is subject to sanctions in accordance with the law.

Warning

-All representations in this data sheet are indicative and fixing should be checked when choosing the system to be used.

Features subject to change and improvement without notice