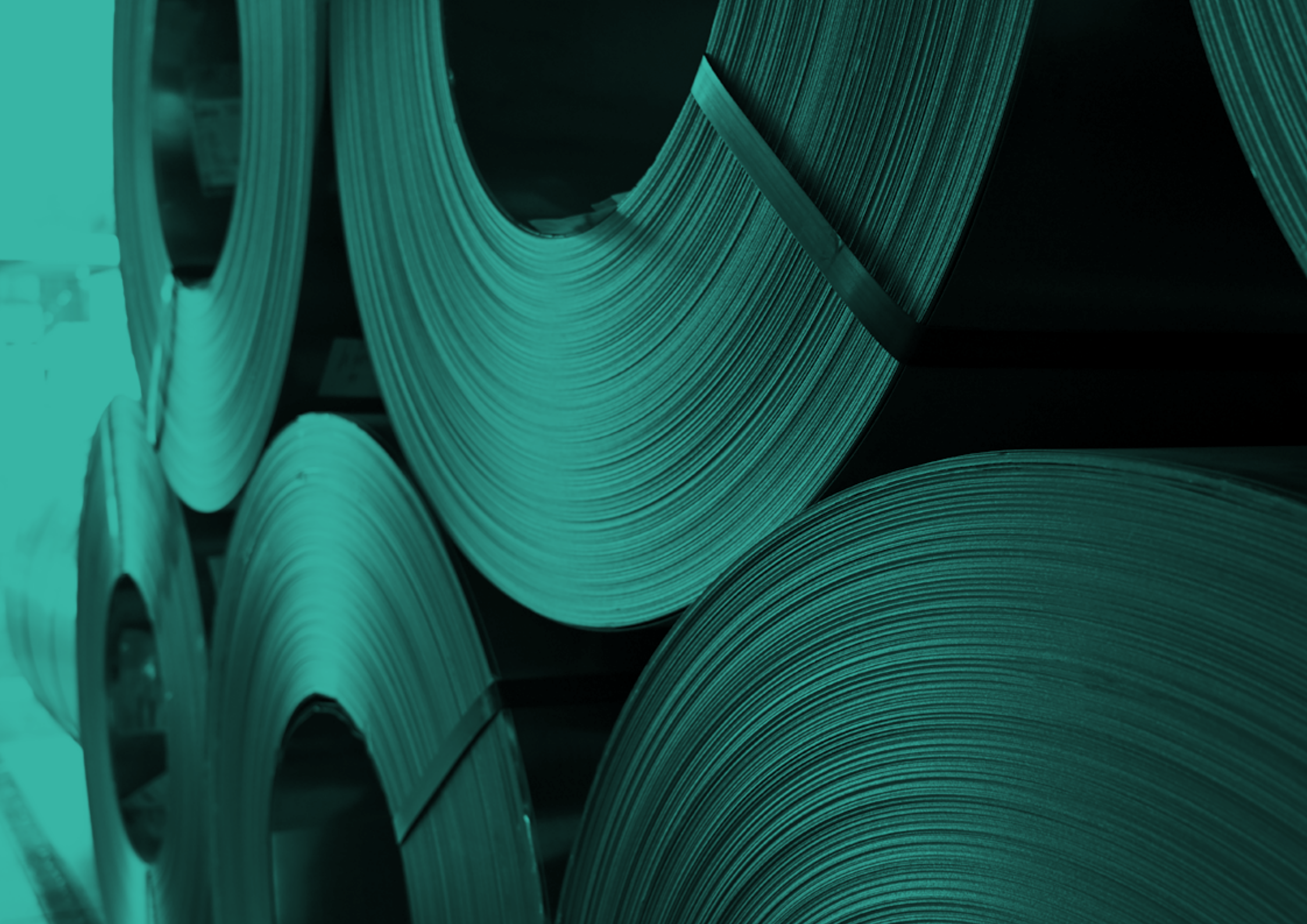
G SEISMIC

ANTI-SEISMIC SOLUTIONS

Guerrasio

G SEISMIC



GUERRASIO

From the encounter of history, craft tradition and advanced technology comes the philosophy of Guerrasio, a company that has been putting its experience at the service of architecture for 50 years.
A philosophy summed up in the company vision: **technology and ideas for architecture**.
With three independent production units, strategically located in the north (Cinto Caomaggiore - VE), centre (Ceprano - FR) and south of Italy (Roccapiemonte - SA), production includes, starting from sheet metal coils, the cold working of sheet metal by master carpenters, with the support of numerically controlled systems and machines for pressing, stamping, laser cutting and powder coating.
Through constant research and development, Guerrasio produces metal profiles and systems for the technical interior finishing sector, metal ceiling systems integrated in panels, strips or cell ceilings for civil and religious buildings, naval furnishings, hospitals and prisons; it also produces ceiling lights and air diffusers, patented flexible metal profiles (under the VERTEBRA® brand name), road noise barriers and a wide range of complementary accessories.
In addition to standardised production, what makes Guerrasio unique is its ability to respond to the special needs of professionals and companies with ad hoc solutions designed for the individual construction site, being able to engineer any architectural proposal thanks to the team of specialised technicians working in synergy with the designers.
Thanks to new patents and awards won over time, today the solid reputation acquired over the years ensures the presence of Guerrasio products in the most important architectural works, such as the Guggenheim Museum in Bilbao by Frank O. Gehry or the high-speed train station in Naples by Zaha Hadid, exceptional symbols of contemporary architecture.

QUALITY

We are strategic partners of public and private companies because we are able to support their needs effectively and efficiently. Our business and economic assessments take into account customer needs and are based on respect for environmental, occupational safety and social responsibility principles.

This system takes the form of well-defined processes, which are systematically fixed, planned and documented, with the following aims:

- ensure compliance with current legislation, environmental and occupational health and safety regulations;
- ensure that the requirements of customers and stakeholders are well met in order to increase their satisfaction;
- constantly improve the safety and comfort of the working environment and the implementation of accident prevention measures;
- reduce the negative effects of its activities on the environment in order to preserve it for the benefit of future generations;
- optimise the efficiency of business processes;
- increase the professionalism of its staff;
- operate competitively on the market and improve management results;
- activate an adequate self-control system of the Management System to measure activities, neutralise problems and provide the Management with suitable elements to carry out reviews and give the necessary input for continuous company growth.

The Management is directly and constantly engaged in raising awareness, organising and coordinating those functions and processes that contribute to the development and continuous improvement of the Company System.

CARE FOR THE ENVIRONMENT

From design to environmentally friendly construction

The continuous pursuit of quality, respect for the environment, customer and employee satisfaction are evidenced by the certifications obtained, both for products and services and for production processes.

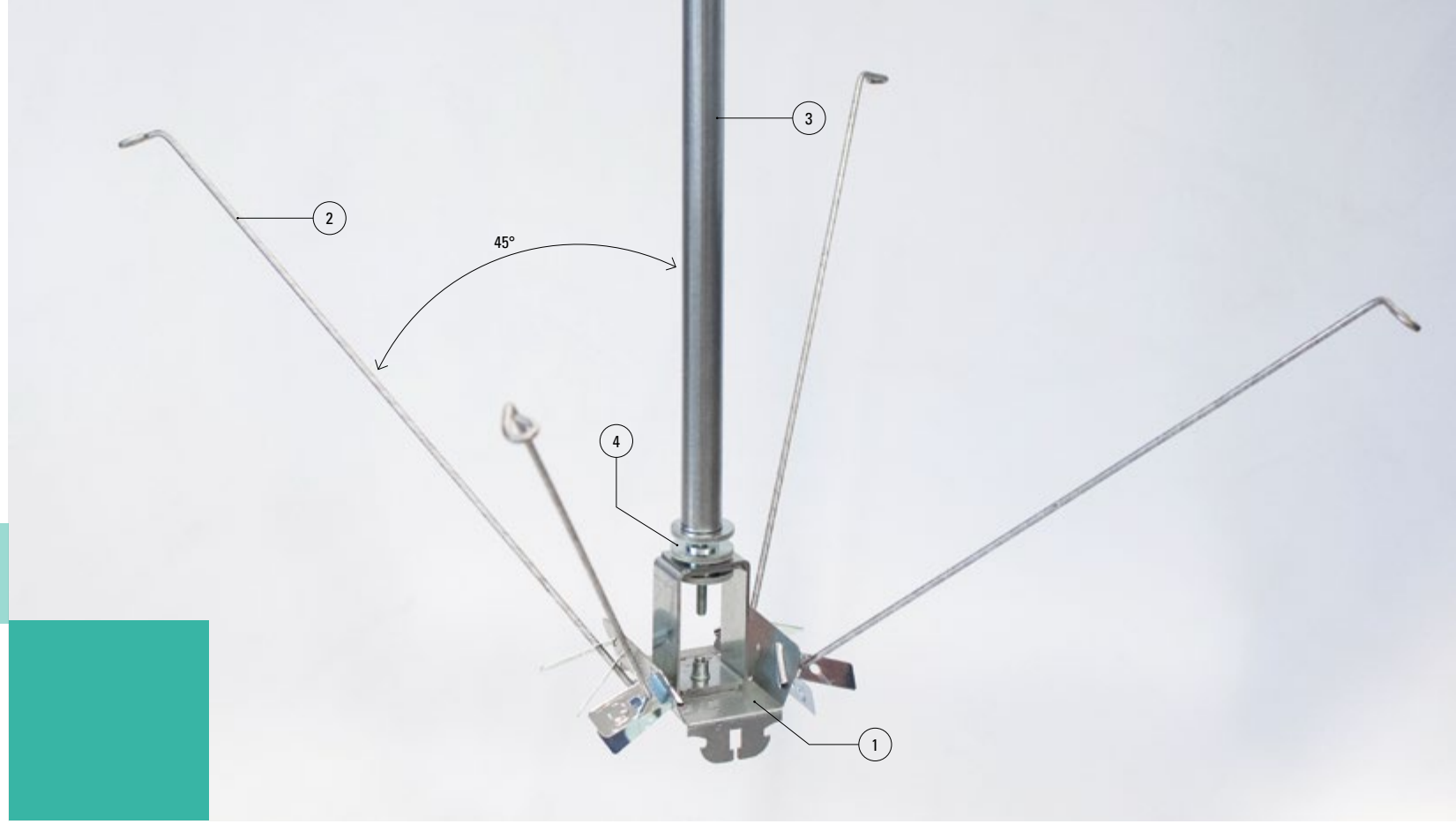
At Guerrasio we promote and support the protection of the health and well-being of our employees. We implement responsible behaviour to minimise risks and are constantly vigilant to ensure that everyone in the company works safely. We constantly reduce the negative effects of our activities on the environment with the aim of preserving the natural habitat for the benefit of future generations.

Guerrasio products meet LEED® requirements

This certification is establishing itself as the new world standard for eco-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.

G SEISMIC

The anti-seismic solution
for all false ceilings on a metal structure



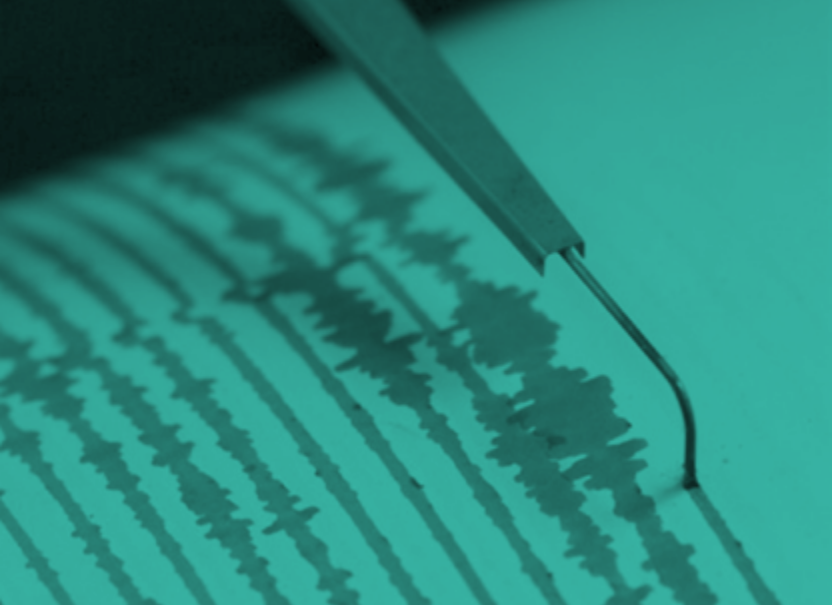
The **G SEISMIC** kit is the first anti-seismic suspension system suitable for practically **all types of suspended ceilings** with a metal structure, whether they support panels, strips, cell ceiling or even plasterboard.

The kit was designed, developed and produced by **Guerrasio** in collaboration with the **Department of Structures for Engineering and Architecture** of the **University of Naples Federico II**.

It consists of a central connecting element to the supporting structure (1), diagonal tie rods (2) inclined at 45° and a central strut (3) which, together with the connecting elements, such as washers and adjustment springs (4), allow for simple installation and millimetric adjustment of the system.

Applied on the main or primary profile, i.e. on the structure that is suspended directly from the ceiling, and together with the perimeter accessories, it makes the false ceiling system suitable for responding adequately to the stresses of a sussultatory and undulatory earthquake.

The kit is available in two versions for the different free heights between the supporting structure and the false ceiling: **Kit 1050** (for heights from 200 to 1050 mm) and **Kit 2050** (for heights from 1050 to 2050 mm).



NORMATIVE REFERENCES

The Kit G SEISMIC has been designed and tested by the GUERRASIO technical office at the **University of Naples Federico II** - in collaboration with the **Department of Structures for Engineering and Architecture** in order to assess and verify the suitability and resistance of the system to the requirements of the Technical Standards for Construction (NTC | D.M. 14.01.2008 and updated NTC 2018 with D.M. of 17.01.2018), in particular with what is stated in paragraph 7.2.3. of the NTC.

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STRUTTURE PER L'INGEGNERIA E L'ARCHITETTURA

ASSEMBLY INSTRUCTIONS

The G SEISMIC is a kit composed of a plurality of elements which are assembled on site. Therefore, the final installer only has to worry about following the instructions on the assembly information sheet included in each G SEISMIC kit package.

ADVANTAGES

- Kit application suitable for any type of false ceiling
- Resistant to subsultory and undulatory seismic actions
- Unique kit for different types of ceilings
- Resistant to the horizontal component of the earthquake
- Easy installation
- Assembly illustration sheet
- Simple and compact product storage

TECHNICAL DOCUMENTATION

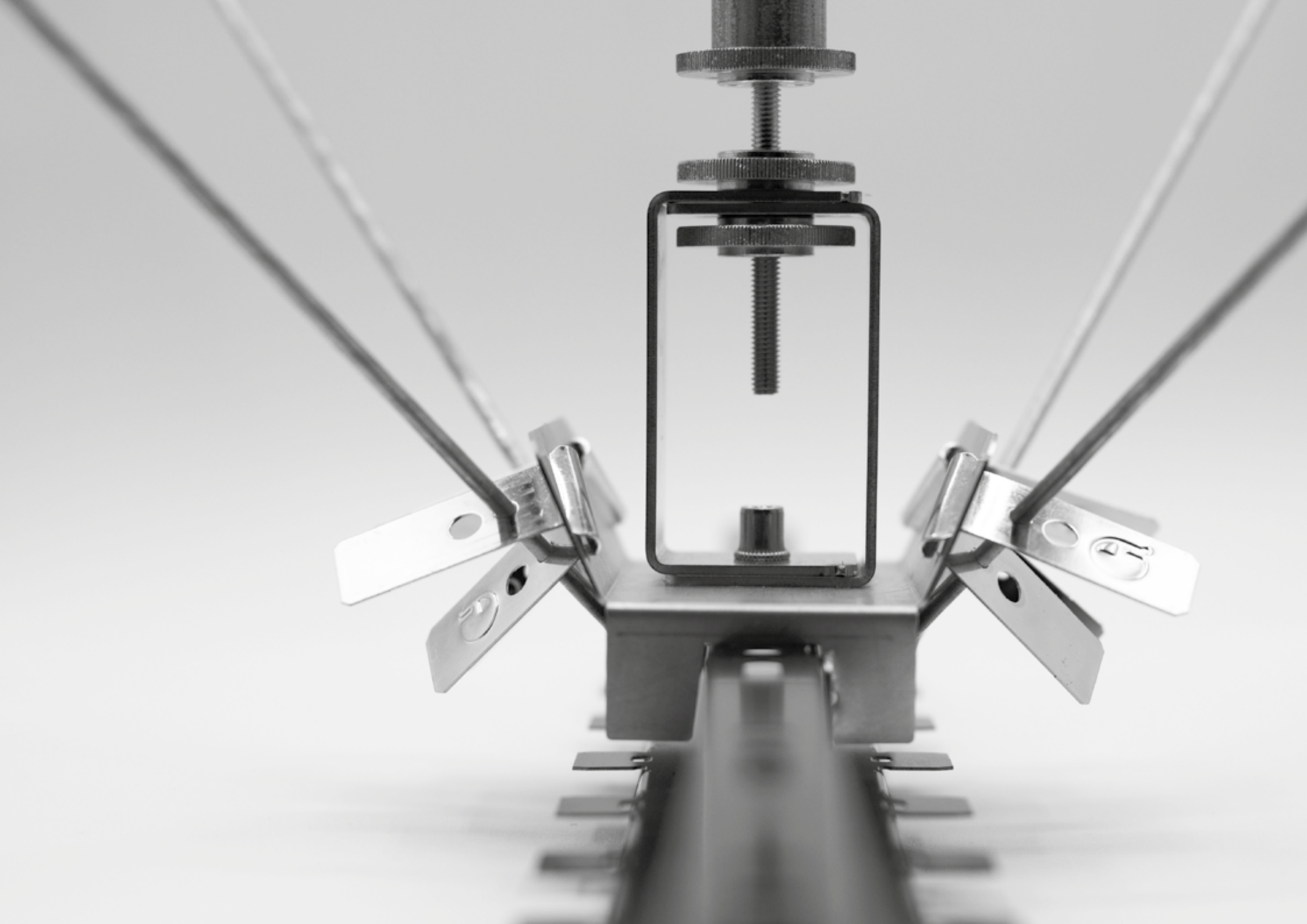
The technical department uses the G SEISMIC software to determine, by setting the necessary parameters, the kit quantities for each room and therefore the minimum quantities of packages to be ordered. The calculation of the incidence takes into account NTC18, which considers the false ceiling as a non-structural element that must be verified against the seismic action for the limit states considered, in order to limit damage and maintain the agibility of the building.

DOCUMENTATION ISSUED ON REQUEST

- **Technical suitability of the G SEISMIC suspension system issued by GUERRASIO**
- **Anti-seismic calculation report (compliant with technical standards for the purpose of testing and anti-seismic certification of the building)**

According to paragraph 7.2.3 of the NTC / D.M. 17/01/2018 (Design criteria for secondary structural elements and non-structural elements), in the case where the non-structural element is assembled on site (as is the case with the G SEISMIC system):

- it is the responsibility of the designer of the structure to identify the seismic demand;
- it is the responsibility of the supplier and/or installer to provide elements and connection systems of adequate capacity;
- it is the task of the construction manager to verify the correct assembly.



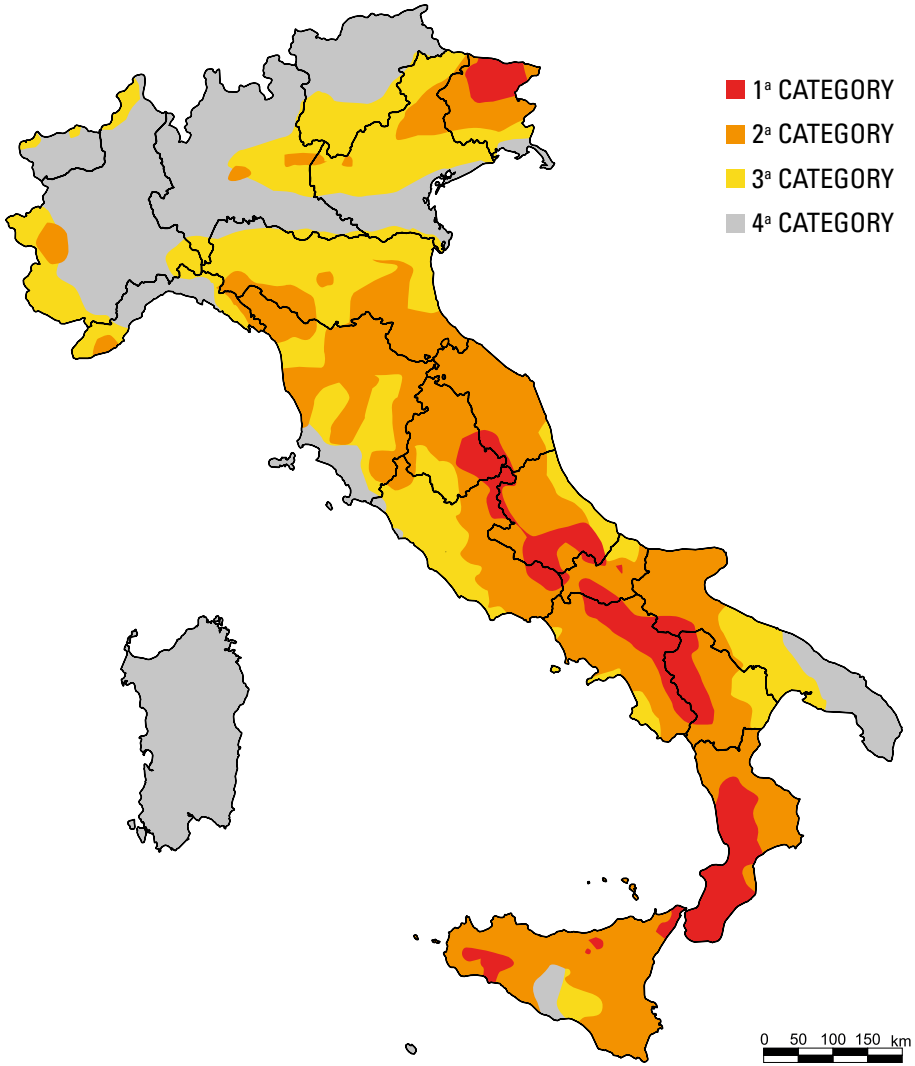
THEORETICAL INCIDENCES

In order to determine exactly how many G SEISMIC kits are required in an environment, it is necessary to provide the following technical information:

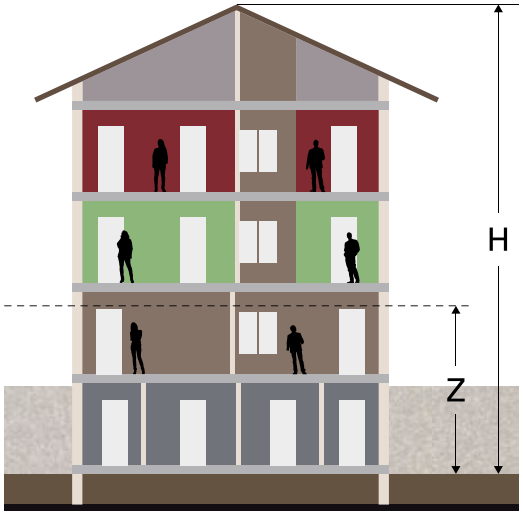
- Location of the structure
- Type of ceiling and relative weight/m2
- Intended use of the structure
- Building construction type (steel frame, reinforced concrete or other)
- Total height of the building (H)
- Ceiling height (Z)
- Geological information (subsoil category S)
- Planimetry and sections for the layout of the G SEISMIC and its accessories

The technical information required to calculate the number of kits needed can be sent to the company by filling in a special data collection form. Guerrasio provides a specialised technical consultancy service to support the customer in all the phases involved in the construction of an anti-seismic ceiling, from data collection for the calculation of the incidence to the installation of the kits on site

The calculation of the incidence of the G SEISMIC kit is based on the identification of the fundamental parameters of the seismic action (ag/g, F0, TC*) that depend on the nominal life of the building, the class of the building and the geographical coordinates of the project area. It should be pointed out that each geographical coordinate corresponds to a point acceleration coefficient, therefore the incidence of the necessary kits may vary even within the same municipality. For this reason, a point calculation for each project is strongly recommended.



G SEISMIC KIT INCIDENCES TABLE



The side table shows some calculation examples for three different weight categories (A, B, C as per the table below) installed at different heights (Z) in major Italian cities.

The data underlying the calculations are as follows:

- SLV limit state
- Subsurface category C
- Building with reinforced concrete frame structure
- Total building height (H) of 15 metres
- Classes of use 2-3-4

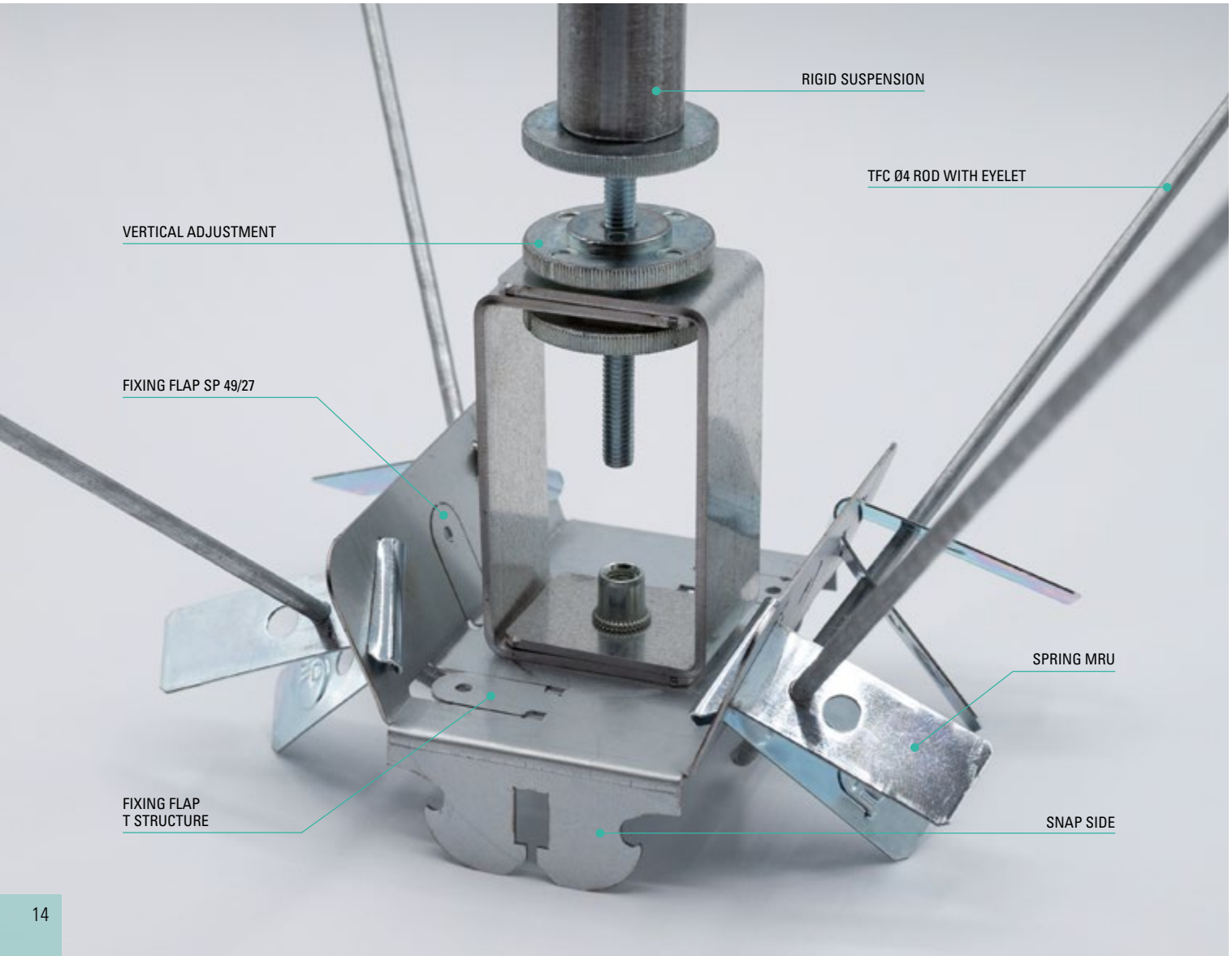
Example: Considering the initial data, for a ceiling with a weight not exceeding 6 kg/sq.m., installed on the third floor (z=11.7) of a building located in Rome, 1 SEISMIC G-kit is required for every 7.2 square metres of ceiling.

A	**Ceiling types with an average weight not exceeding 6 kg/sqm**	Modular steel 5/10 type: Vert Visio, Vert SemiVisio, Vert Flat, Vert Box, Vert Lab, Vert Occulto, Vert Sigillo, Strips and Cell Ceilings
B	**Ceiling types with an average weight not exceeding 10 kg/sqm**	7/10 Steel Modular Type: Vert Visio, Vert SemiVisio, Vert Flat, Vert Box, Vert Lab, Vert Occulto, Vert Sigillo, Plasterboard False Ceilings (single sheet)
C	**False ceiling types with an average weight not exceeding 15 kg/sqm**	Plasterboard false ceilings (double sheet)

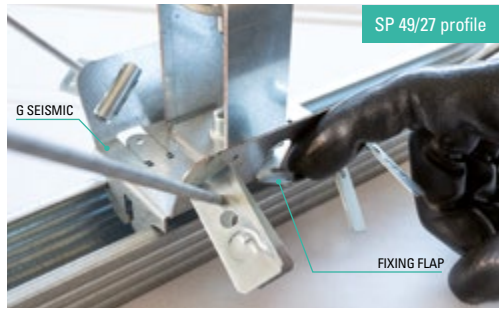
City	Ceiling height (Z)	Incidence		
		A (≃ 6 kg/sqm)	B (≃ 10 kg/sqm)	C (≃ 15 kg/sqm)
Ancona	ground floor (z=2,7)	7,3	4,4	2,9
	first floor (z=5,7)	6,2	3,8	2,5
	second floor (z=8,7)	5,5	3,3	2,2
	third floor (z=11,7)	5,0	3,0	2,0
	fourth floor (z=14,7)	4,6	2,8	1,8
Bari	ground floor (z=2,7)	16,0	9,6	6,4
	first floor (z=5,7)	13,7	8,2	5,5
	second floor (z=8,7)	12,0	7,2	4,8
	third floor (z=11,7)	10,6	6,4	4,3
	fourth floor (z=14,7)	9,5	5,7	3,8
Firenze	ground floor (z=2,7)	10,0	6,0	4,0
	first floor (z=5,7)	8,6	5,1	3,5
	second floor (z=8,7)	7,5	4,5	3,0
	third floor (z=11,7)	6,6	4,0	2,7
	fourth floor (z=14,7)	6,0	3,6	2,4
L'Aquila	ground floor (z=2,7)	5,1	3,0	2,0
	first floor (z=5,7)	4,5	2,7	1,8
	second floor (z=8,7)	4,0	2,4	1,6
	third floor (z=11,7)	3,7	2,2	1,5
	fourth floor (z=14,7)	3,5	2,1	1,4
Milano	ground floor (z=2,7)	26,0	15,6	10,4
	first floor (z=5,7)	22,3	13,3	8,9
	second floor (z=8,7)	19,5	11,7	7,8
	third floor (z=11,7)	17,3	10,4	6,9
	fourth floor (z=14,7)	15,5	9,3	6,2
Napoli	ground floor (z=2,7)	7,6	4,6	3,0
	first floor (z=5,7)	6,5	3,9	2,6
	second floor (z=8,7)	5,7	3,5	2,3
	third floor (z=11,7)	5,2	3,1	2,1
	fourth floor (z=14,7)	4,8	2,8	1,9
Reggio di Calabria	ground floor (z=2,7)	4,8	2,9	1,9
	first floor (z=5,7)	4,3	2,6	1,7
	second floor (z=8,7)	3,9	2,3	1,5
	third floor (z=11,7)	3,5	2,2	1,4
	fourth floor (z=14,7)	3,3	2,0	1,3
Roma	ground floor (z=2,7)	10,9	6,5	4,4
	first floor (z=5,7)	9,3	5,6	3,7
	second floor (z=8,7)	8,1	4,9	3,2
	third floor (z=11,7)	7,2	4,3	2,9
	fourth floor (z=14,7)	6,5	3,9	2,6
Torino	ground floor (z=2,7)	25,1	15,1	10,1
	first floor (z=5,7)	21,5	12,9	8,6
	second floor (z=8,7)	18,8	11,3	7,5
	third floor (z=11,7)	16,7	10,0	6,7
	fourth floor (z=14,7)	15,0	9,0	6,0
Venezia	ground floor (z=2,7)	17,5	10,5	7,0
	first floor (z=5,7)	15,0	9,0	6,0
	second floor (z=8,7)	13,1	7,9	5,2
	third floor (z=11,7)	11,6	7,0	4,6
	fourth floor (z=14,7)	10,4	6,2	4,2

POINTS OF STRENGTH / CONTINUOUS AND MODULAR FALSE CEILINGS

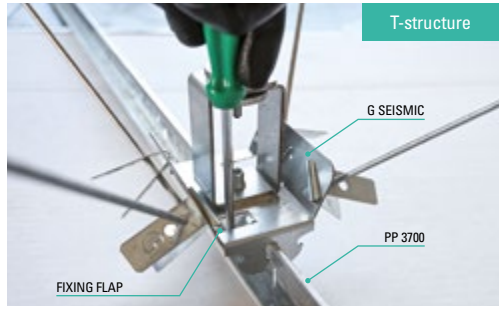
The **G SEISMIC** is suitable for modular suspended ceilings using T-structure, continuous plasterboard (or similar) and modular suspended ceilings with concealed structure. Modular suspended ceilings using the T-structure are: **Vert Visio**, **Vert Semi Visio**, **Vert Lab**, **Vert Box** and **Vert Flat**. The modular counter panels with concealed structure are **Vert Occulto** and **Vert Sigillo**. The design of the G SEISMIC snap-in guarantees perfect anchorage within the SP 49/27 profile and insertion on the T-structure. In both applications, final fixing is ensured by the flaps.



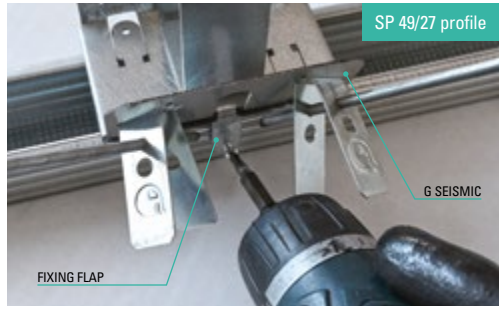
ASSEMBLY STEPS



Position the kit on the SP profile and snap it into place, then lower the flaps on the sides.



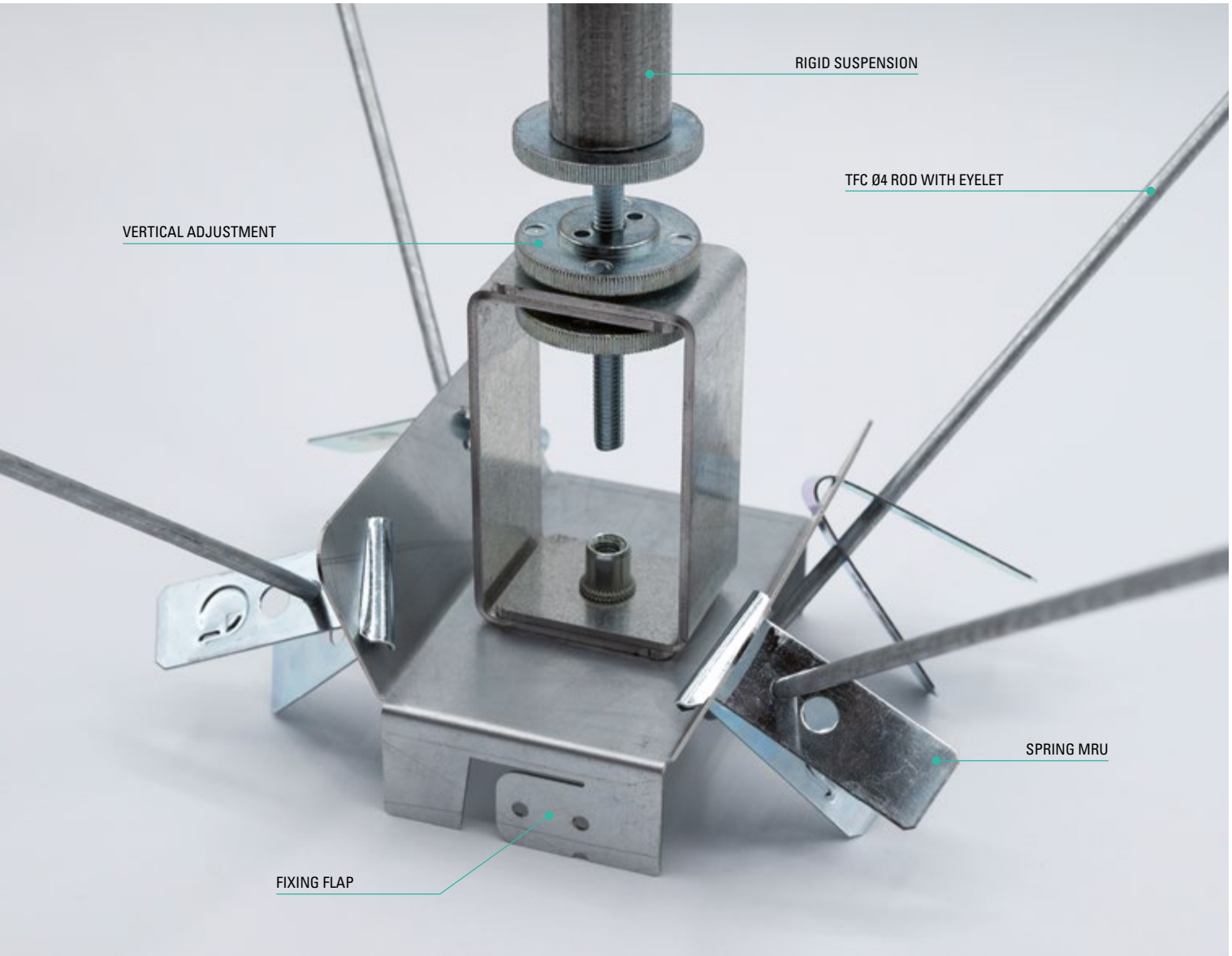
Mount the anti-seismic kit by means of the hook on the T-shaped profile, then lower the flaps.



Fix the anti-seismic kit to the profile using self-drilling screws.

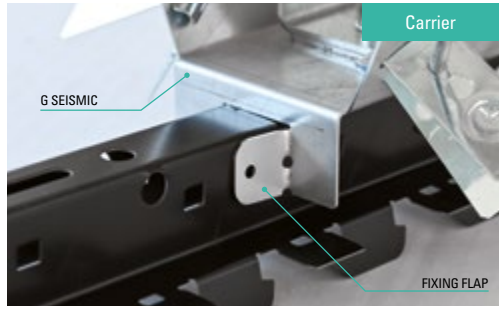
POINTS OF STRENGTH / FALSE CEILINGS WITH STRIPS

The **G SEISMIC** is suitable for false ceilings with strips and its design guarantees perfect anchorage on different types of carriers (with "U" cross-section) on which different strips can be mounted. The geometry of the G SEISMIC kit allows for easy insertion of the carrier by opening the flap with which the fixing is done.

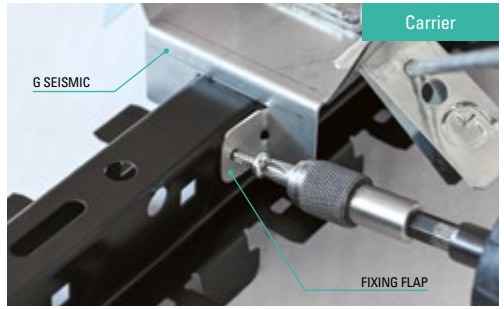


ASSEMBLY STEPS

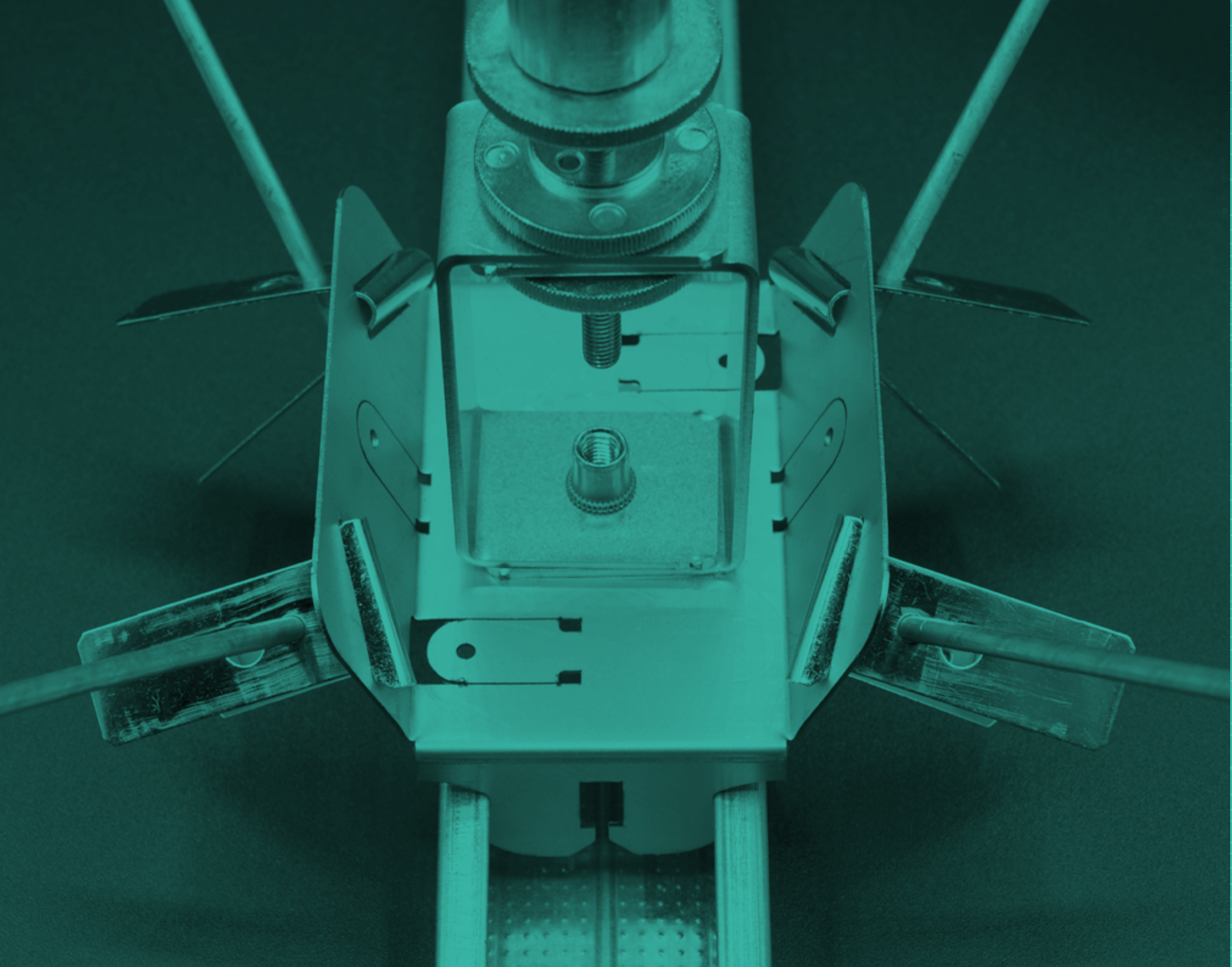
Open the flaps on the sides of the anti-seismic kit. To facilitate the movement, use a screwdriver and leverage to facilitate the opening.



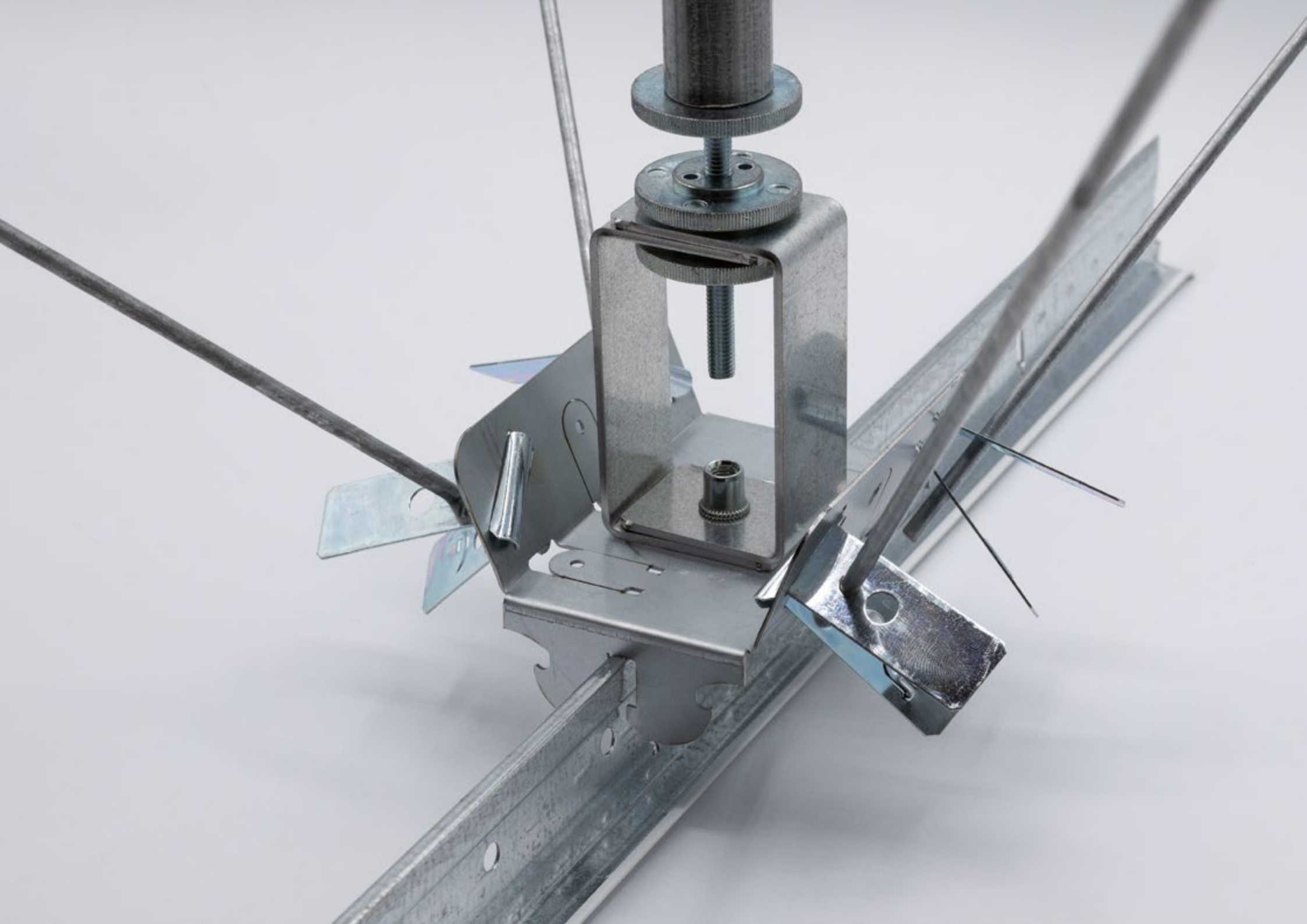
Then place the anti-seismic kit on top of the profile with the flaps open.



Fix the anti-seismic kit to the profile using self-drilling screws.

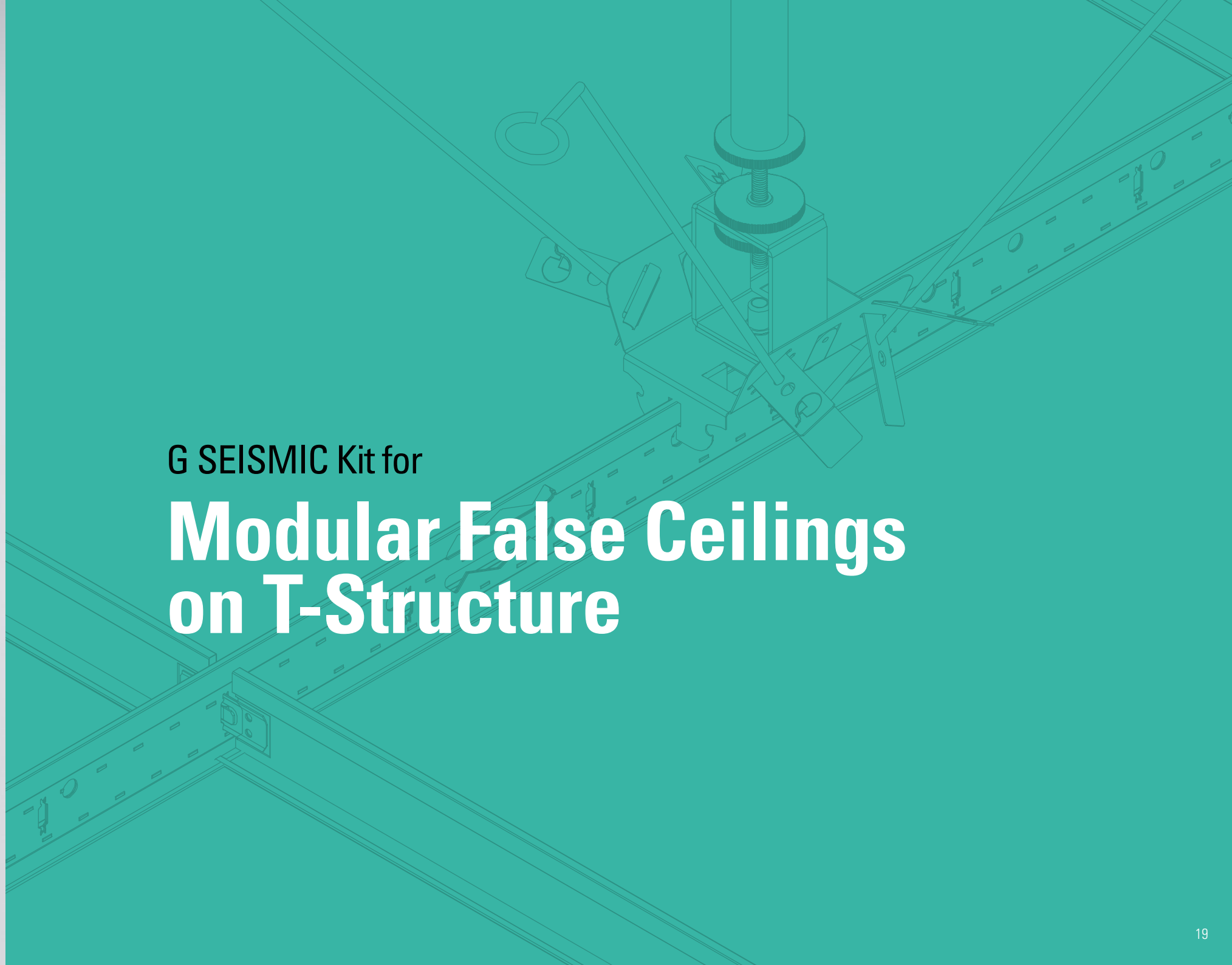


APPLICATIONS



G SEISMIC Kit for

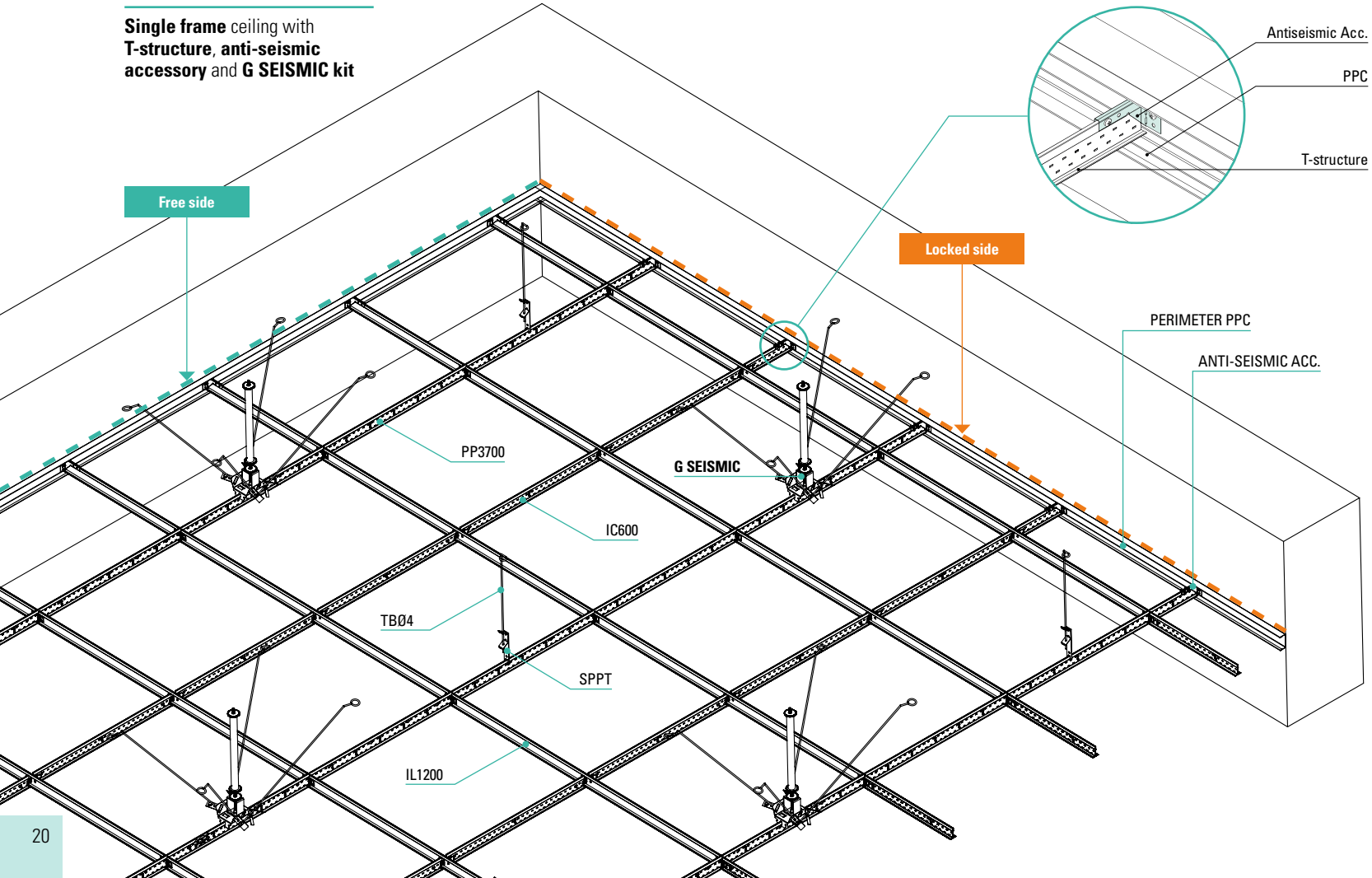
Modular False Ceilings on T-Structure

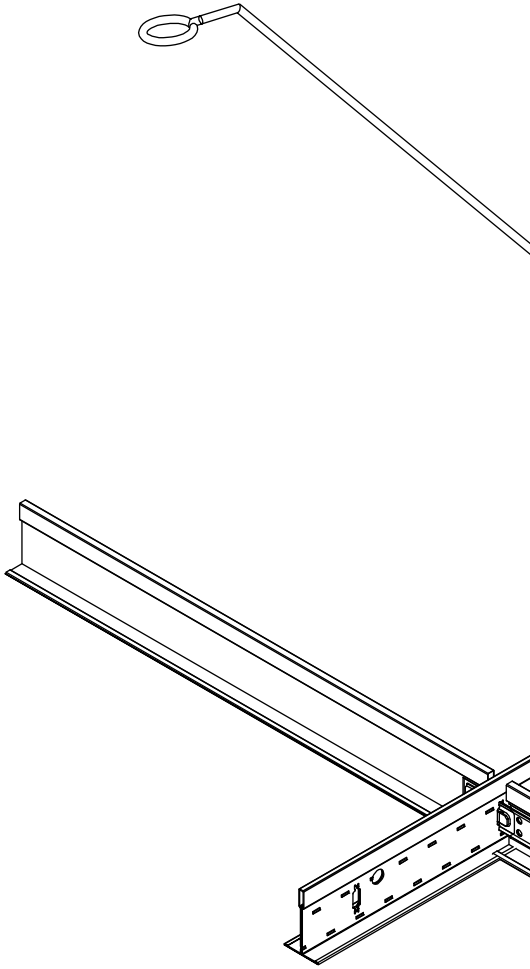


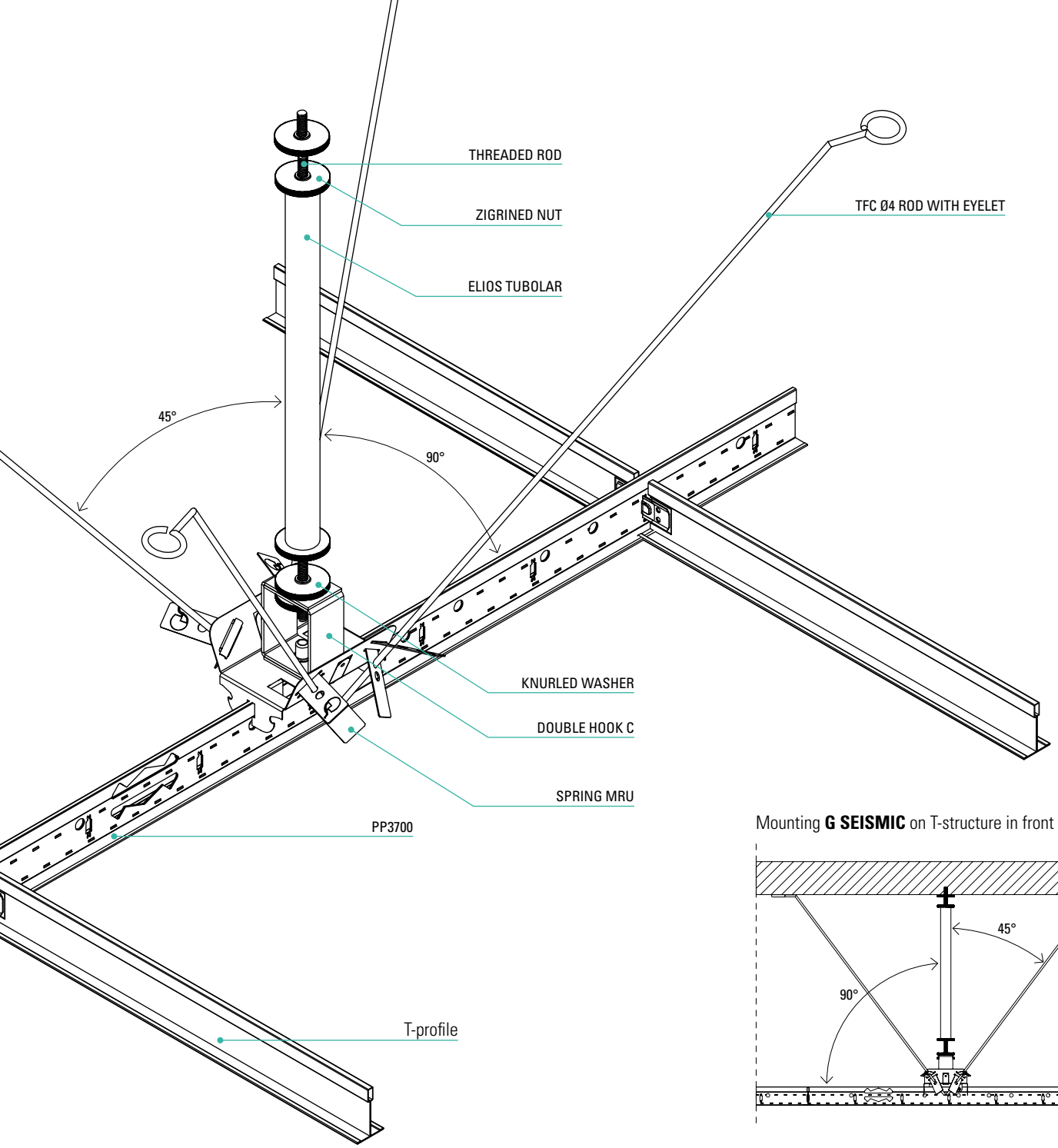
G SEISMIC for **Modular False Ceilings on T-structure**

The **G SEISMIC** in its application for modular false ceilings uses the T-structure. It is available in two types for two different height conditions: **Kit 1050** (for heights from 200 to 1050 mm) and **Kit 2050** (for heights from 1050 to 2050 mm). The G SEISMIC responds to earthquake actions for the entire suspended zone of the room; perimetrically, safety against earthquake action is guaranteed by the AG accessory (pages 24-25).
The latter allows the constraint of all the elements of the T-structure on the perimeter. This constraint is of two types: **free side** and **locked side**.
When the substructure has the "free side" it is allowed longitudinal sliding, with the constraint "blocked side" the substructure is constrained to the accessory AG, as shown in the **perimeter constraints**.

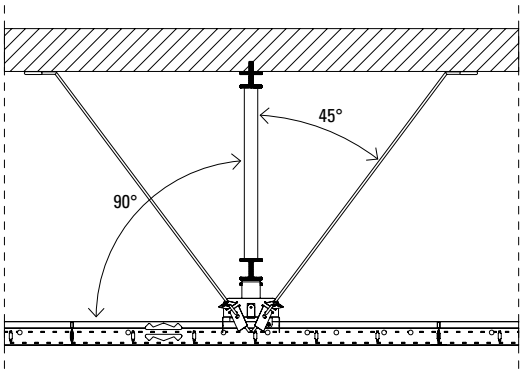
Single frame ceiling with **T-structure**, **anti-seismic accessory** and **G SEISMIC kit**







Mounting **G SEISMIC** on T-structure in front view



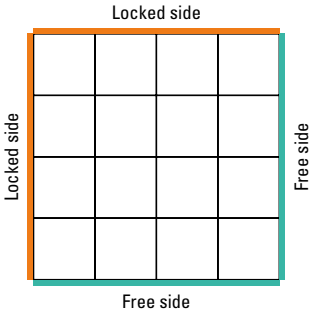
SUITABLE SYSTEMS

Vert Lab	T-frame
Vert Visio	T-frame
Vert Semi Visio	T-frame
Vert Box	T-frame
Vert Flat	T-frame
Vert Occulto	double frame with SP49/27
Vert Sigillo	double frame with SP49/27

TECHNICAL FEATURES

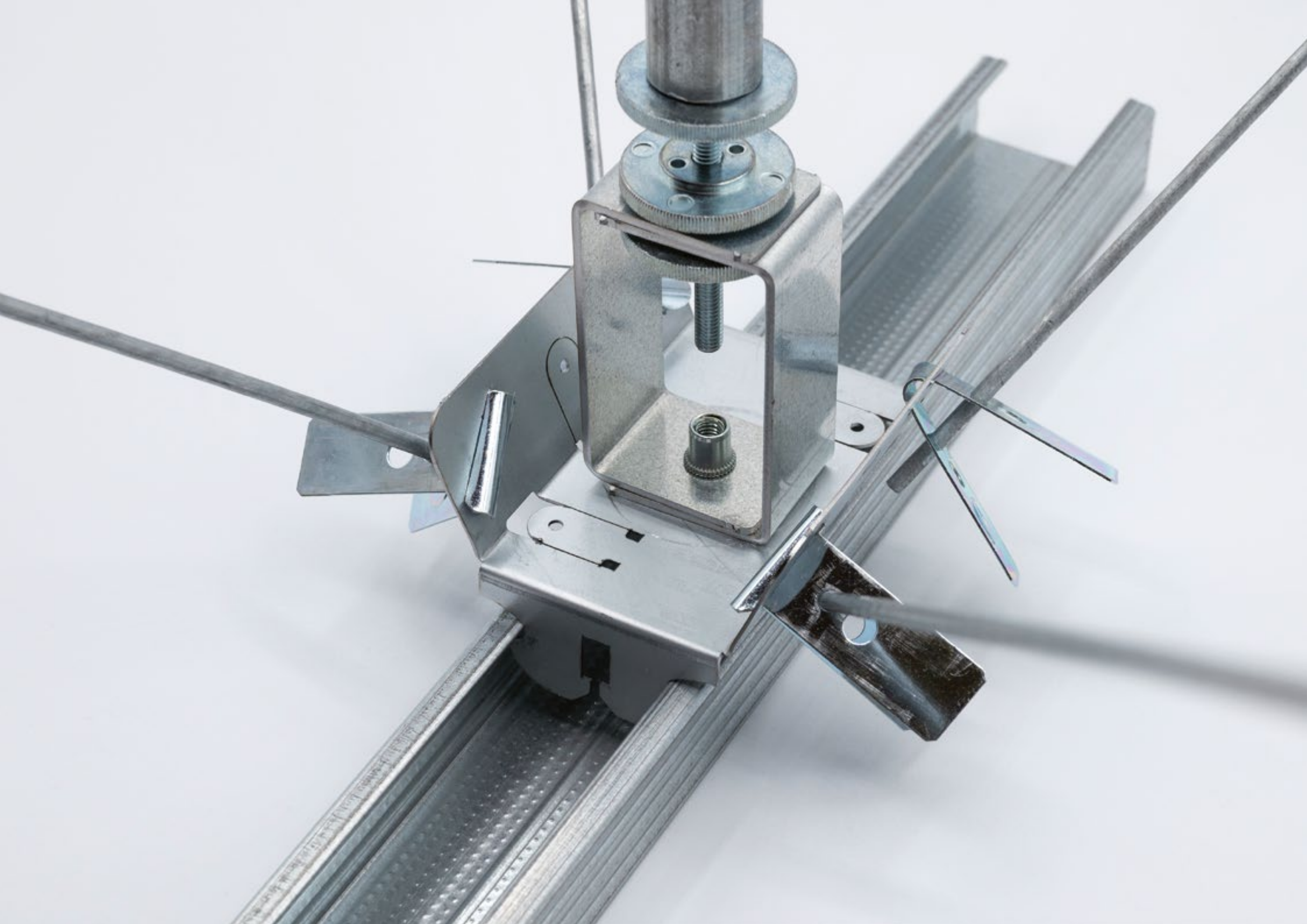
Kit	Pitch	Suitable profile
G SEISMIC	Variable	Freccia, XSeismic, Baionetta, Classic Line

PERIMETER CONSTRAINTS



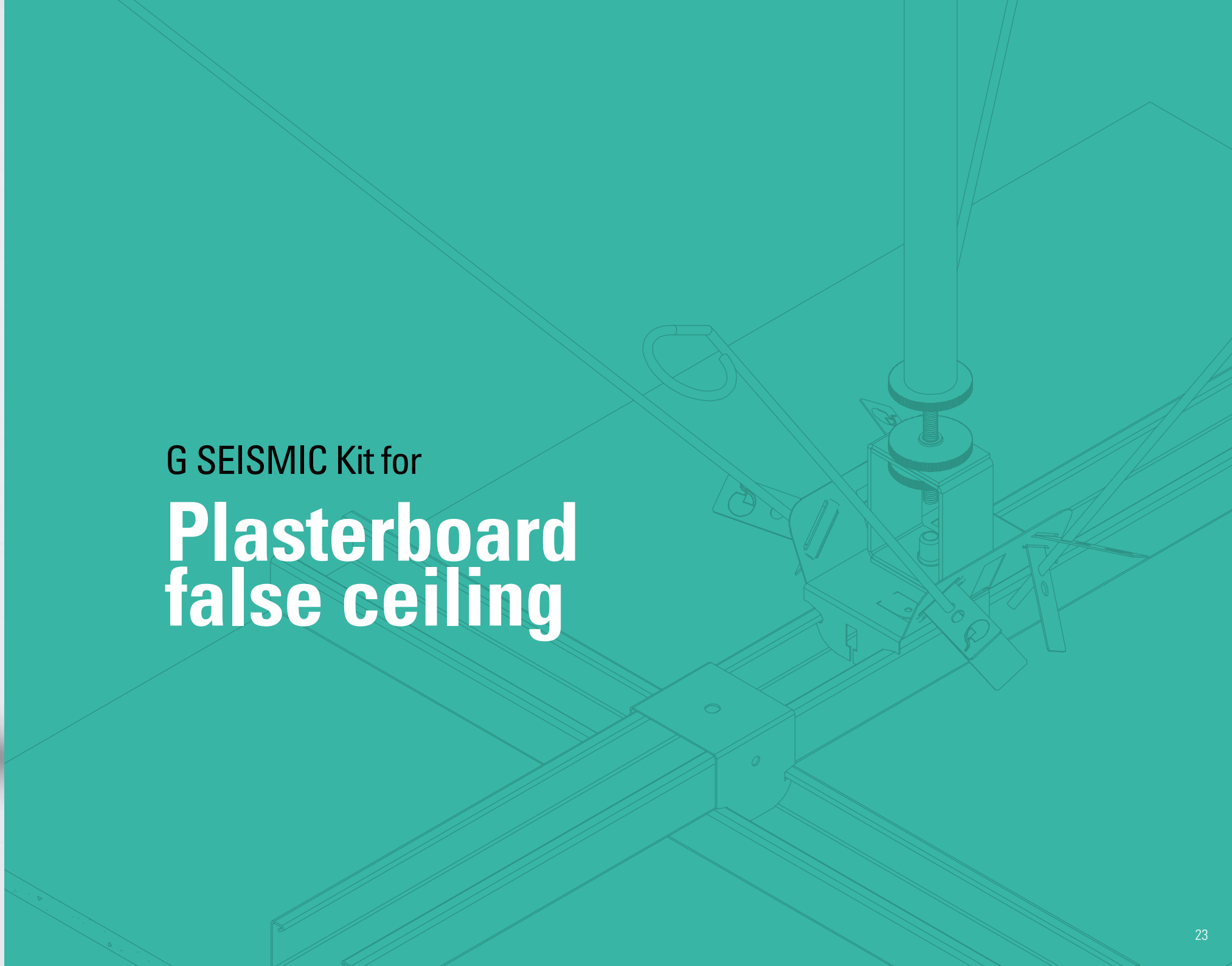
To view perimeter profiles suitable for this system, see **pages 38-39**

To view suspensions suitable for this system, please refer to the data sheet on **vertebra.com**



G SEISMIC Kit for

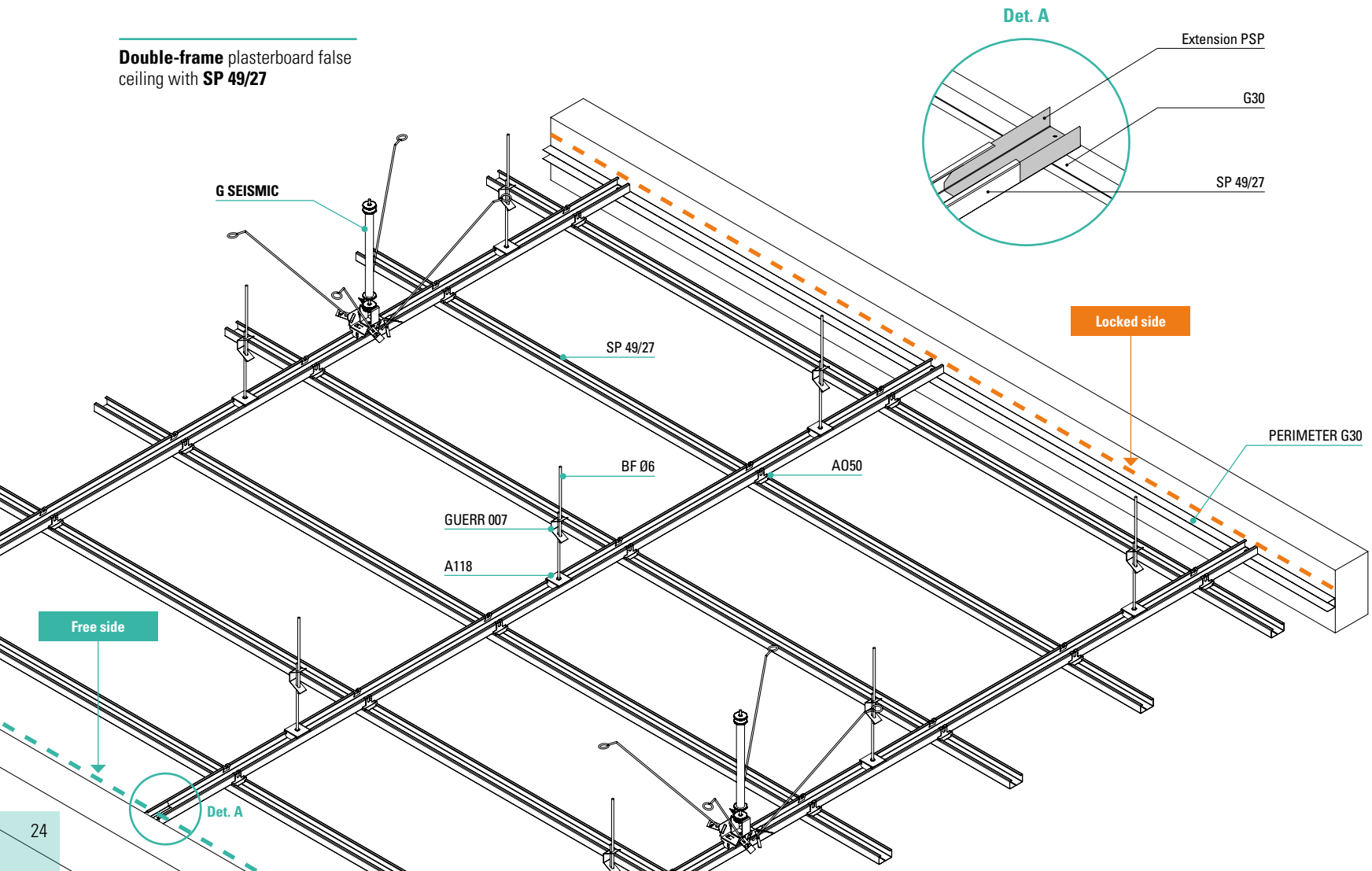
Plasterboard false ceiling

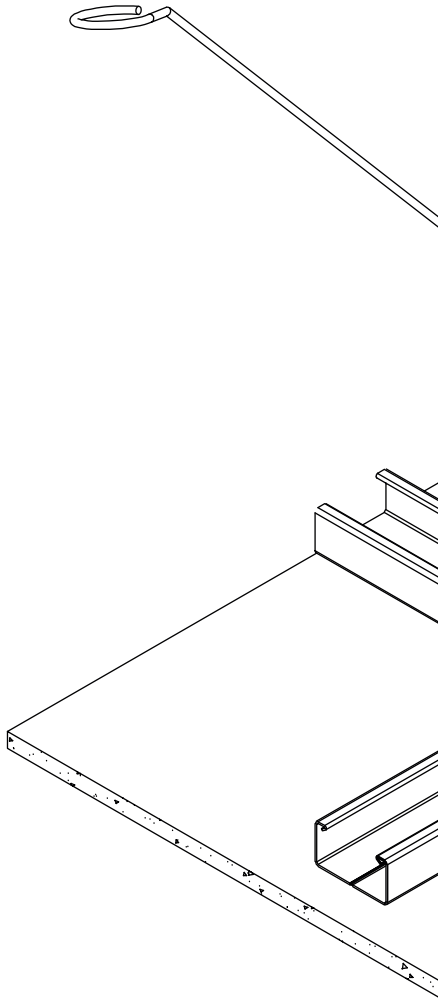


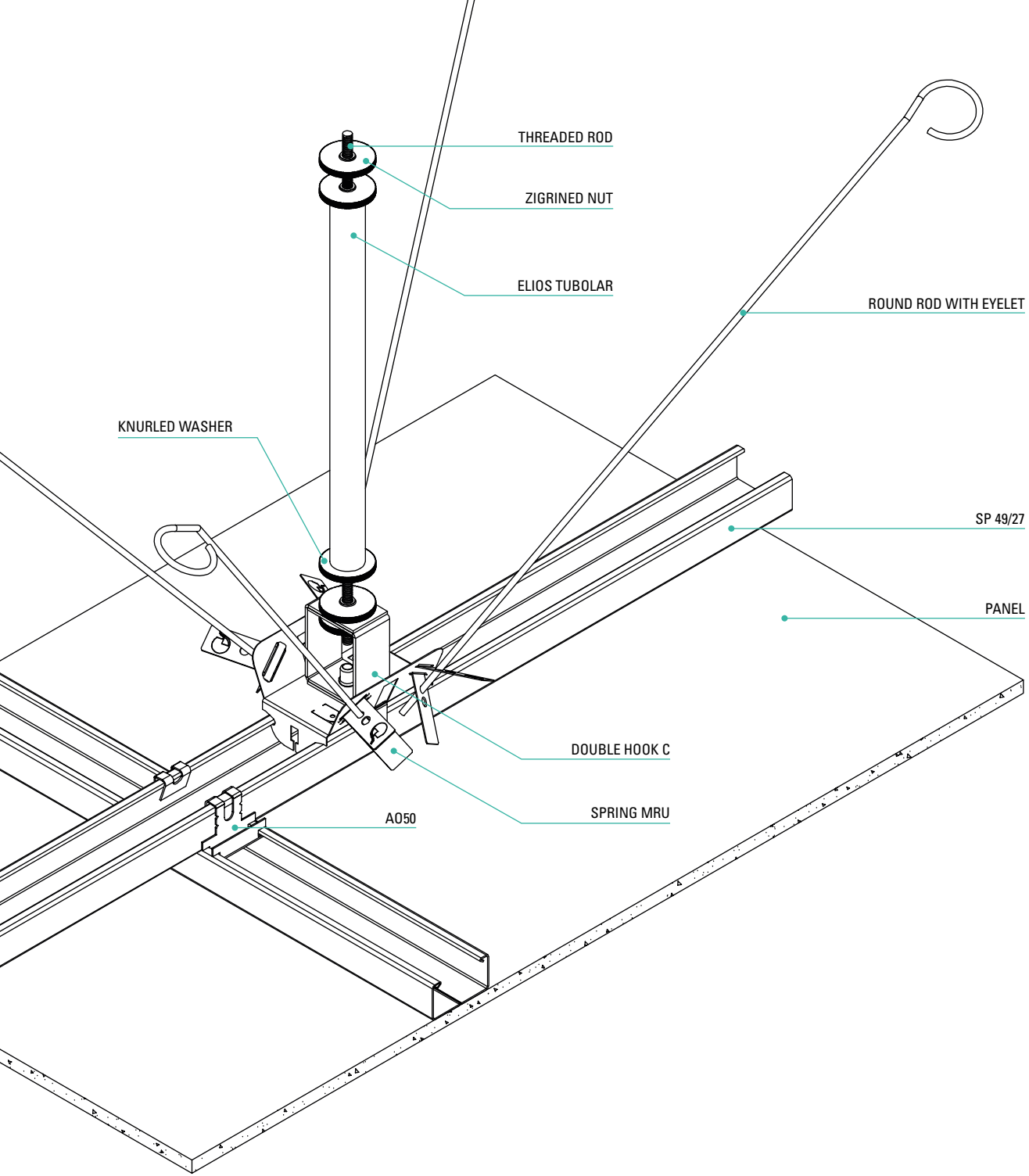
G SEISMIC for **Plasterboard false ceiling**

The **G SEISMIC** is suitable for plasterboard false ceilings, snapping into the SP 49/27 profile. It is available in two types for two different height conditions: **Kit 1050** (for heights from 200 to 1050 mm) and **Kit 2050** (for heights from 1050 to 2050 mm). The G SEISMIC responds to the actions of the earthquake for the entire suspended zone of the room, on the perimeter the safety against the action of the earthquake is guaranteed by the extension of the SP 49/27 profile.
The latter allows the restraint of all the elements of the substructure and this restraint is of two types: **free side** and **locked side**.
When the substructure has the 'free side', the extension PSP 49/27 is applied and allows longitudinal sliding, with the "locked side" the SP 49/27 profile is constrained on the G30 perimeter rail, as shown in the **perimeter constraints**.

Double-frame plasterboard false ceiling with **SP 49/27**







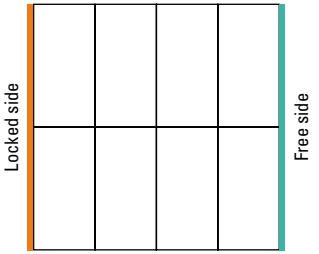
SUITABLE SYSTEMS

Plasterboard false ceiling	single or double frame

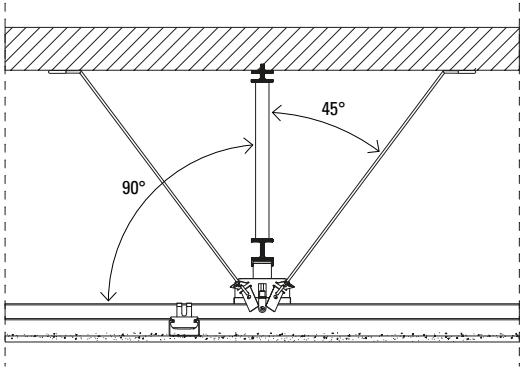
TECHNICAL CHARACTERISTICS

Kit	Suitable profile
G SEISMIC	SP 49/27

PERIMETER CONSTRAINTS

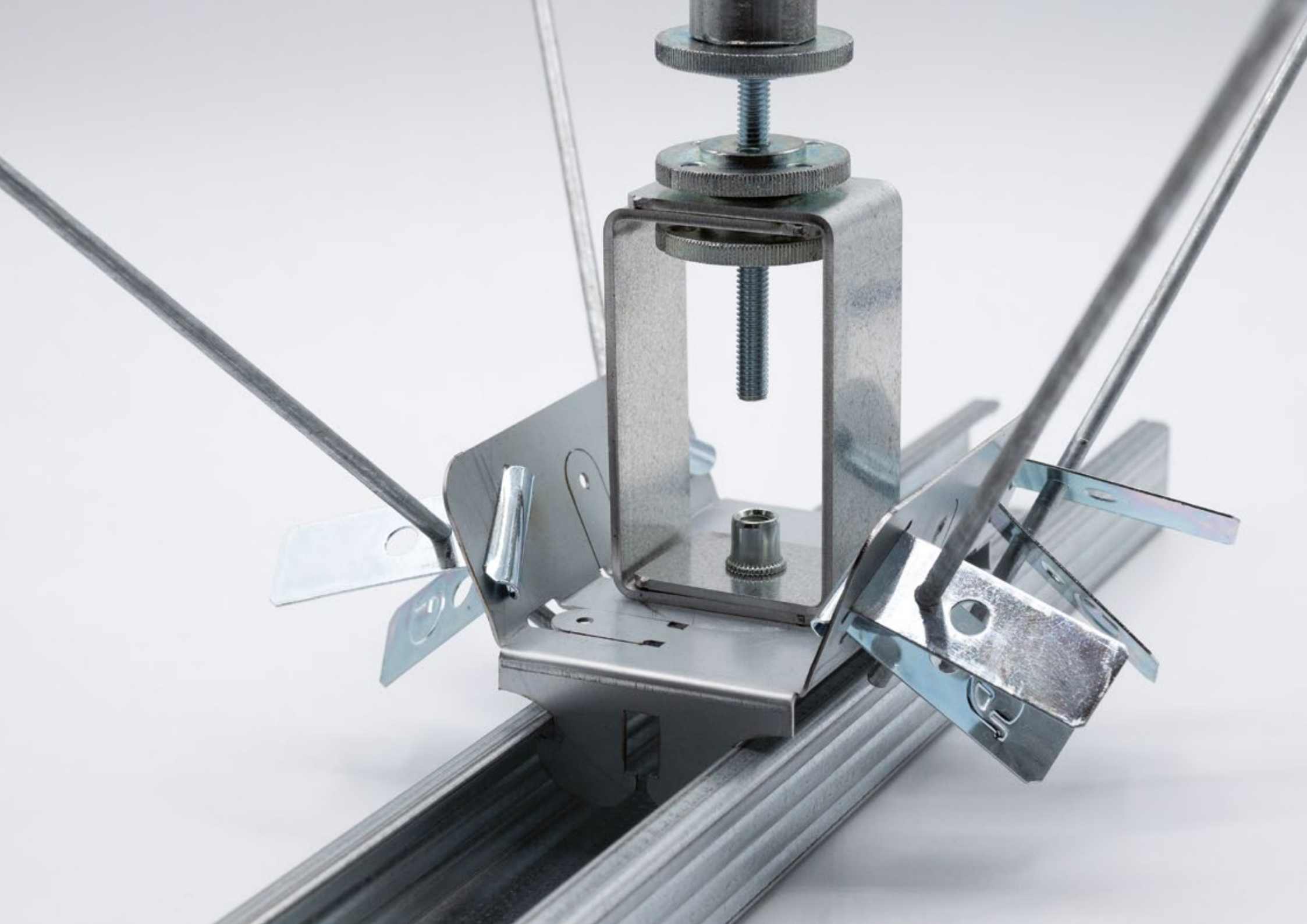


Installation of **G SEISMIC** on SP 49/27 in front view



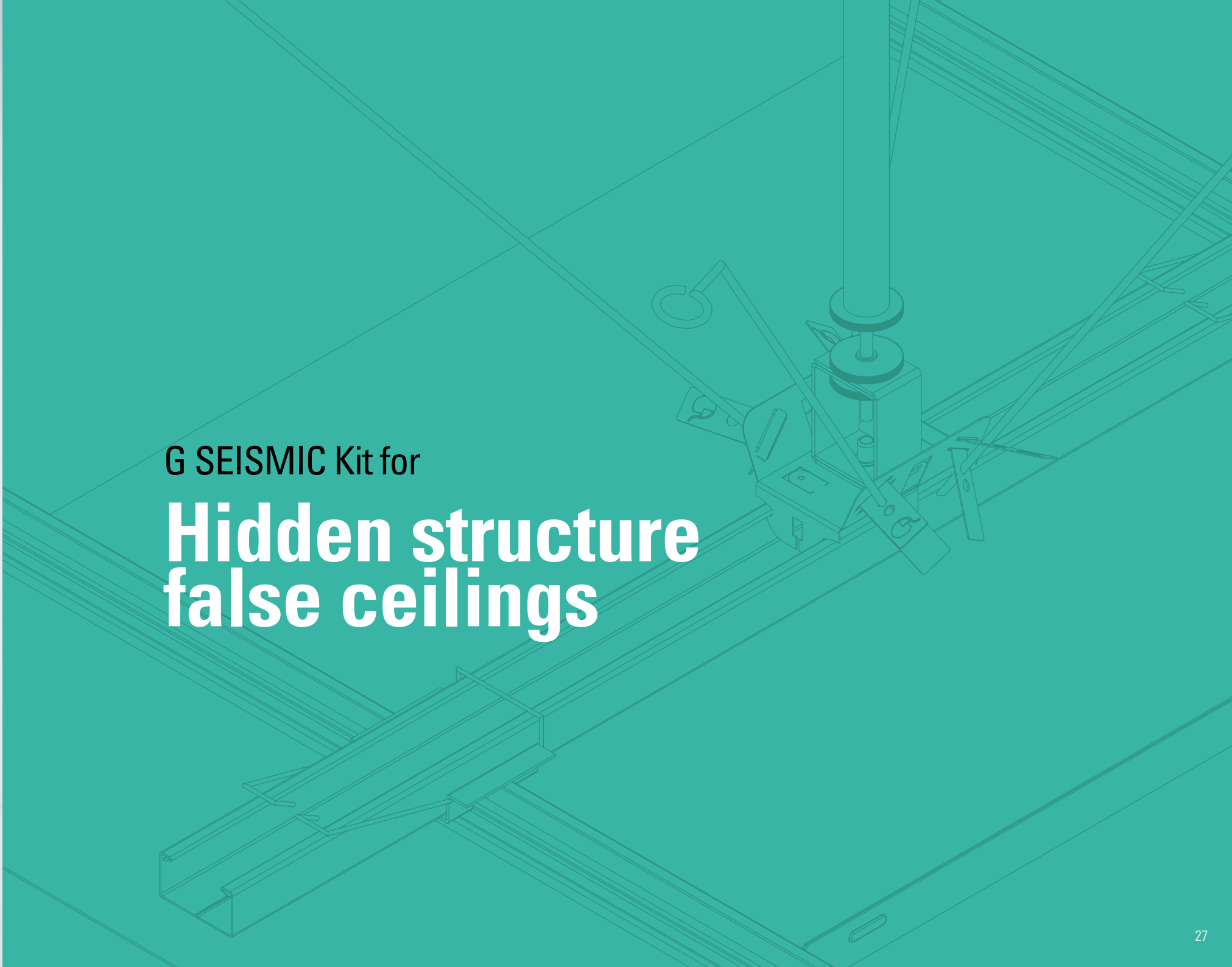
To view the perimeter profile suitable for this system, see **page 40**

To view the suspensions suitable for this system, see the data sheet on **vertebra.com**



G SEISMIC Kit for

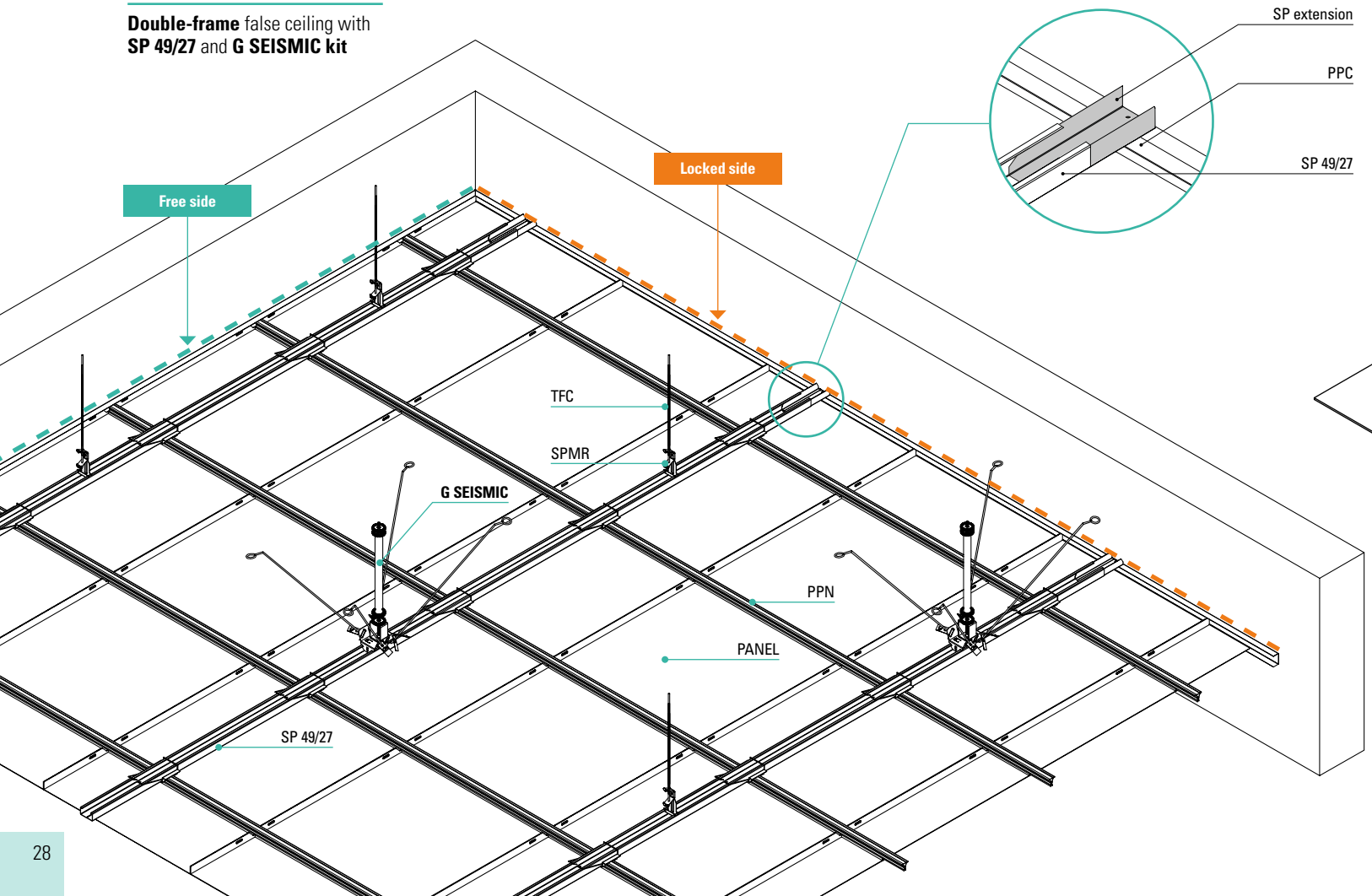
Hidden structure false ceilings

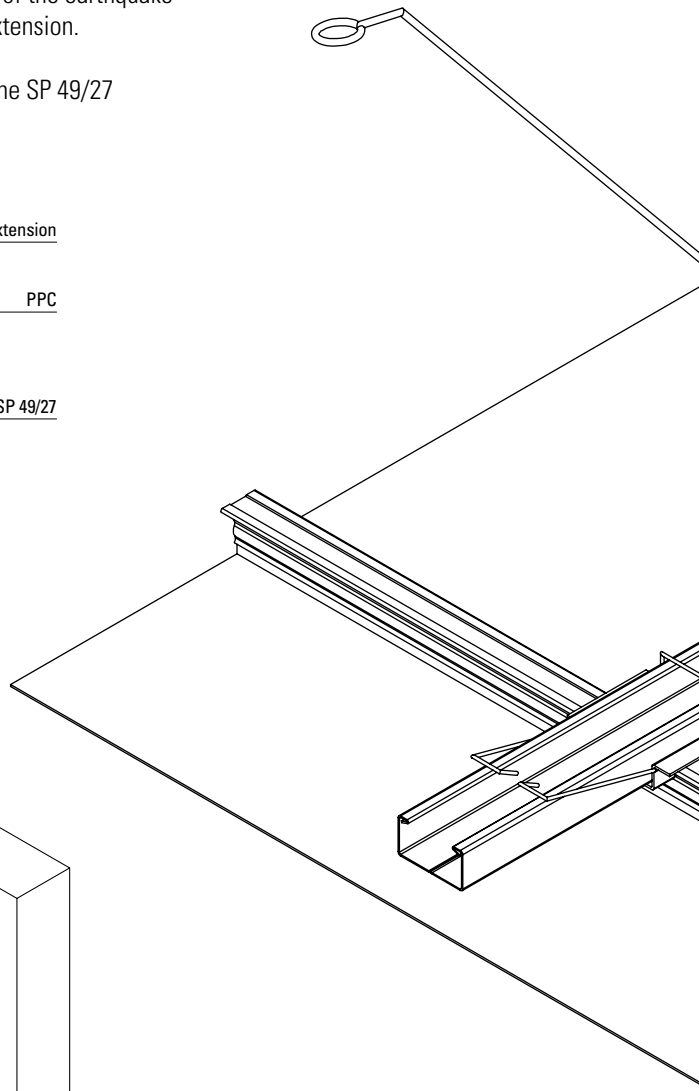


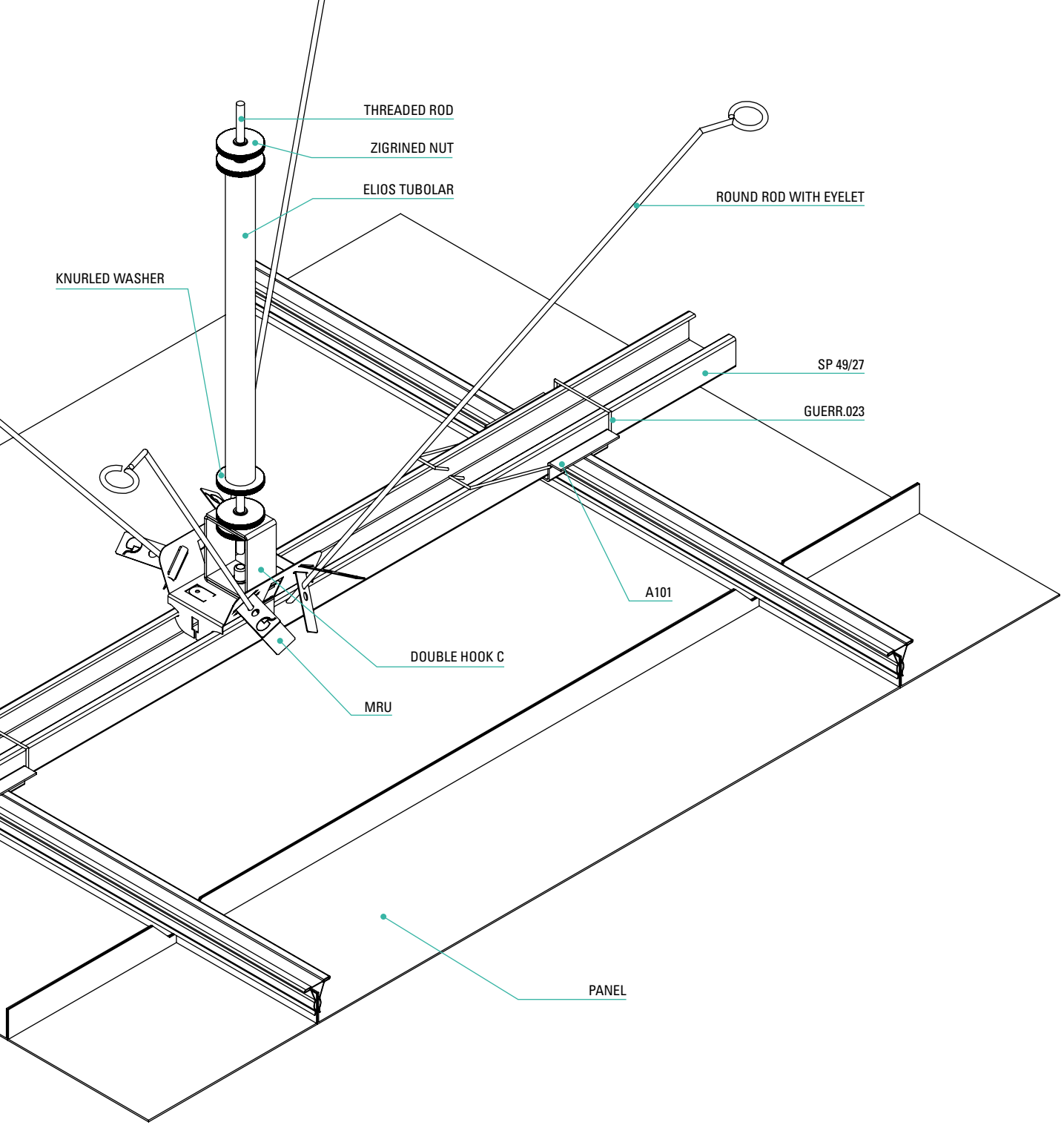
G SEISMIC for **Hidden structure false ceilings**

The **G SEISMIC** is suitable for false ceilings with hidden structure, snapping into the SP 49/27 profile. It is available in two types for two different height conditions: **Kit 1050** (for heights from 200 to 1050 mm) and **Kit 2050** (for heights from 1050 to 2050 mm). The G SEISMIC responds to the actions of the earthquake for the entire suspended area of the room, on the perimeter the response to the action of the earthquake is guaranteed by the SP 49/27 profile extension.
The latter allows the constraint of all the elements of the substructure and this constraint is of two types: **free side** and **locked side**.
When the substructure has the "free side" the PSP 49/27 extension is applied and allows longitudinal sliding, with the "locked side" constraint the SP 49/27 profile is constrained on the PPC perimeter profile, as shown in the **perimeter constraints**.

Double-frame false ceiling with
SP 49/27 and **G SEISMIC kit**







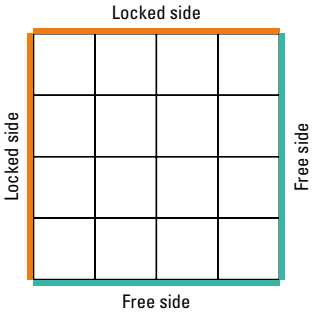
SUITABLE SYSTEMS

Vert Occulto	double frame with SP 49/27
Vert Sigillo	double frame with SP 49/27

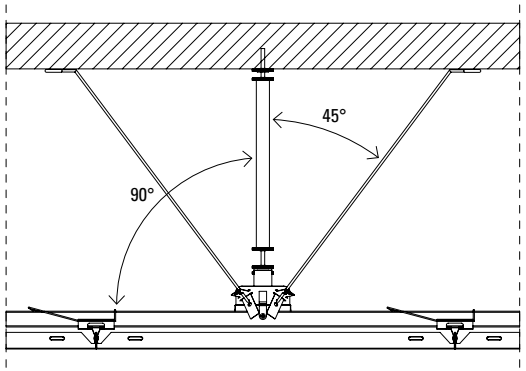
TECHNICAL FEATURES

Kit	**Suitable profile**
G SEISMIC	SP 49/27

PERIMETER CONSTRAINTS

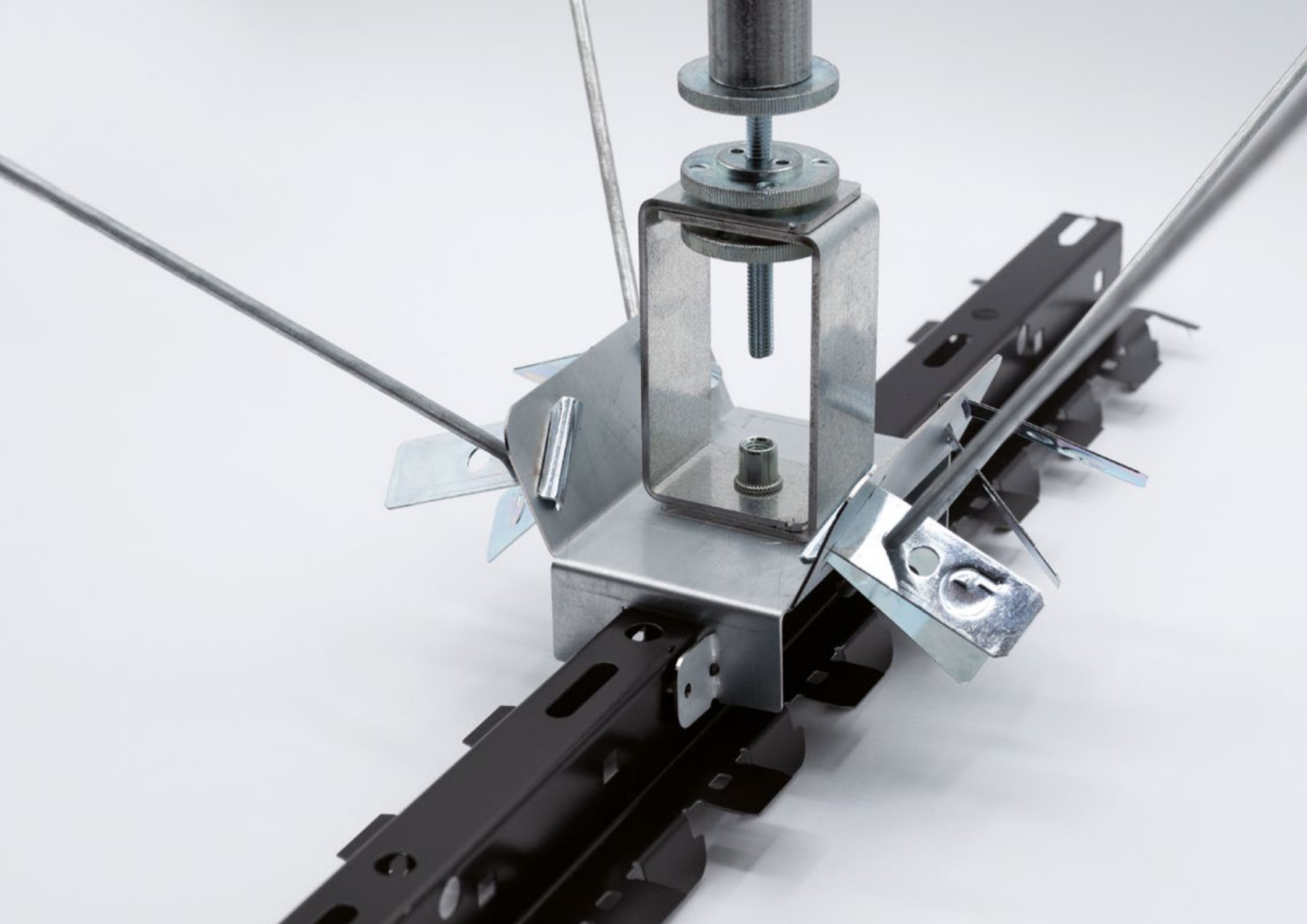


Mounting of **G SEISMIC** on SP 49/27 in front view



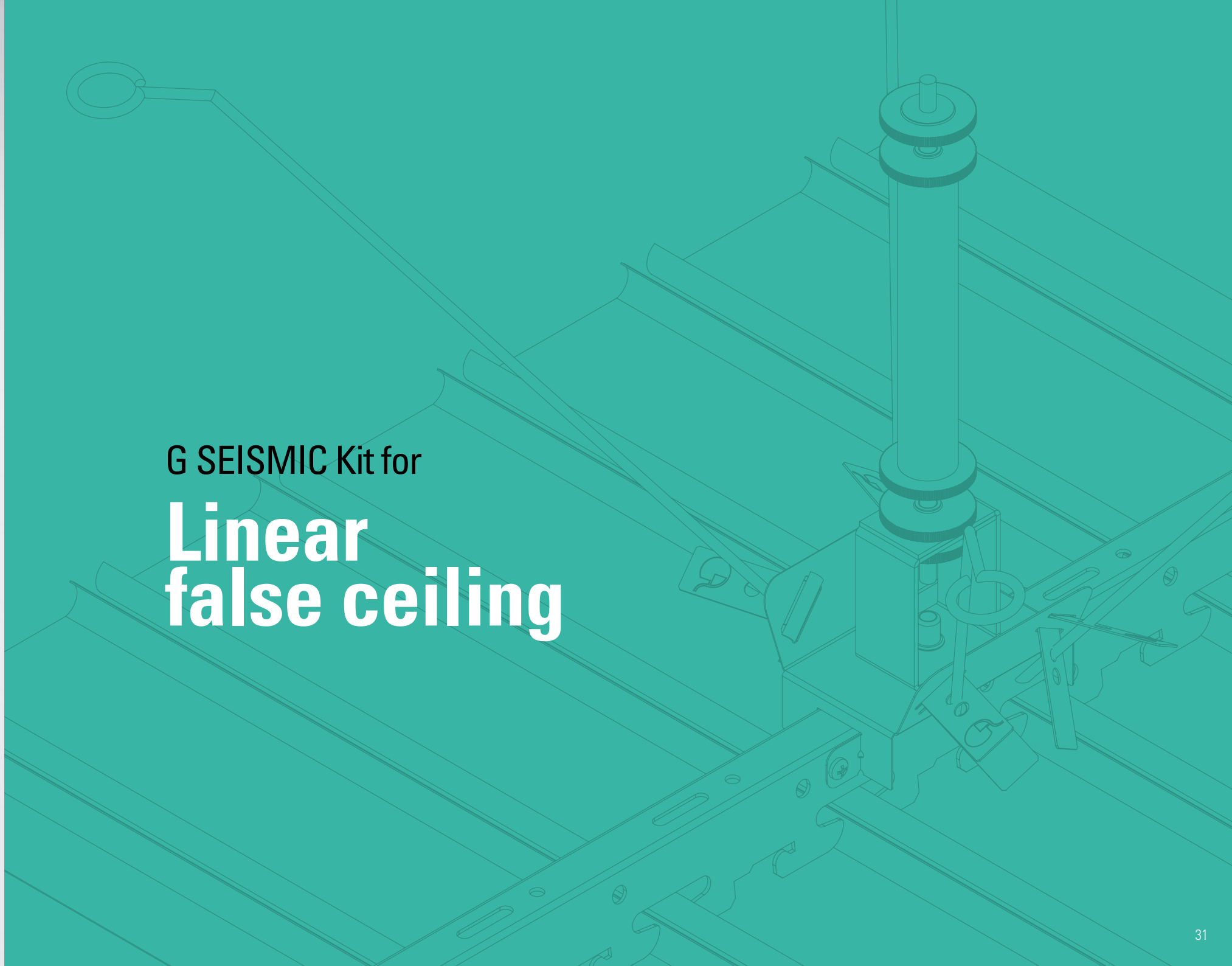
To view suitable perimeter profiles for this system, see **page 40**

To see which suspensions are suitable for this system, see the data sheet on **vertebra.com**



G SEISMIC Kit for

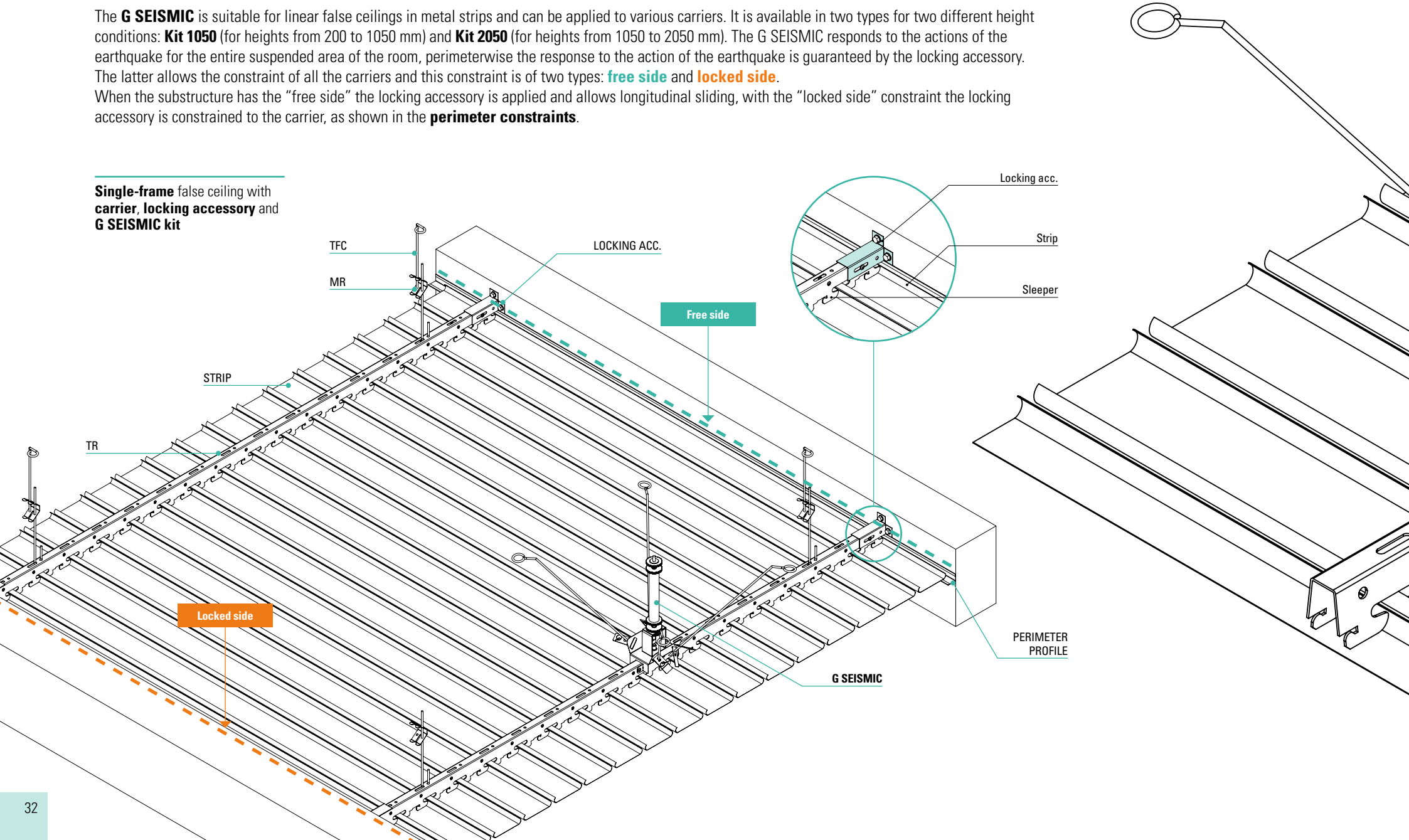
Linear false ceiling

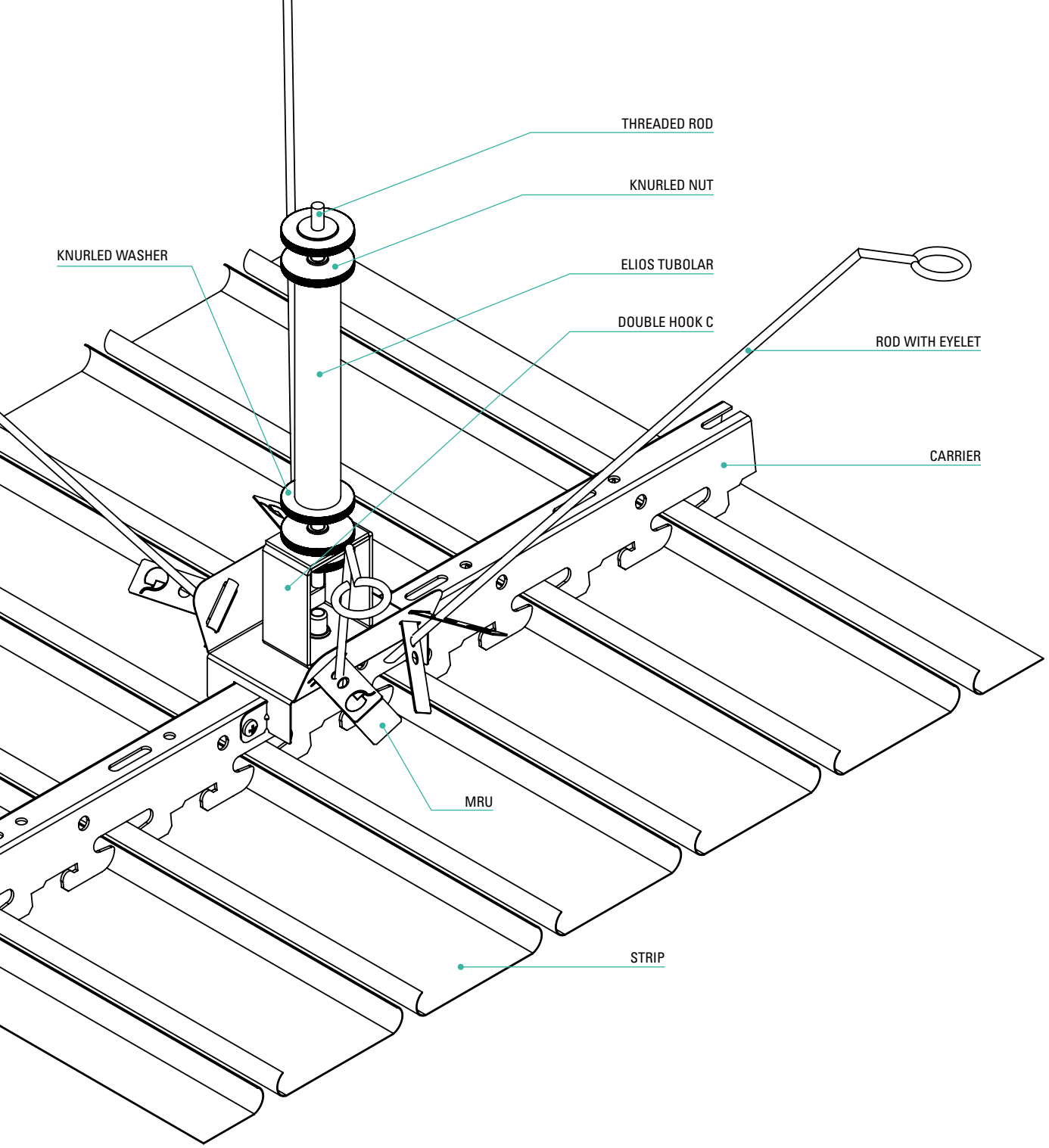


G SEISMIC for **Linear false ceiling / Strips**

The **G SEISMIC** is suitable for linear false ceilings in metal strips and can be applied to various carriers. It is available in two types for two different height conditions: **Kit 1050** (for heights from 200 to 1050 mm) and **Kit 2050** (for heights from 1050 to 2050 mm). The G SEISMIC responds to the actions of the earthquake for the entire suspended area of the room, perimeterwise the response to the action of the earthquake is guaranteed by the locking accessory. The latter allows the constraint of all the carriers and this constraint is of two types: **free side** and **locked side**.
When the substructure has the "free side" the locking accessory is applied and allows longitudinal sliding, with the "locked side" constraint the locking accessory is constrained to the carrier, as shown in the **perimeter constraints**.

Single-frame false ceiling with **carrier**, **locking accessory** and **G SEISMIC kit**





SUITABLE SYSTEM

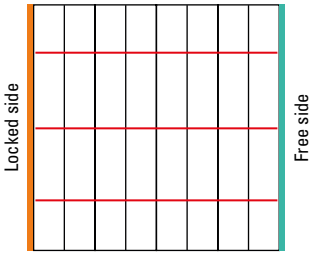
STRIPS

A, B, C, D, LV, Q30, Q40, Q90, V, T50, A85, E, Q80	single frame

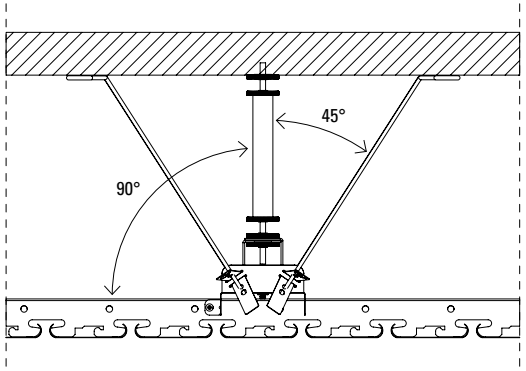
TECHNICAL FEATURES

Kit	Suitable carrier	Strip type
G SEISMIC	TR1, TR2, TR4, TR6, TR0, TR8, TR9, TR10, TR11, TR12, TR13	A, B, C, D, LV, Q30, Q40, Q90, V, T50, A85, E, Q80, Q BAFFLE

PERIMETER CONSTRAINTS



Mounting of **G SEISMIC** on carrier in front view



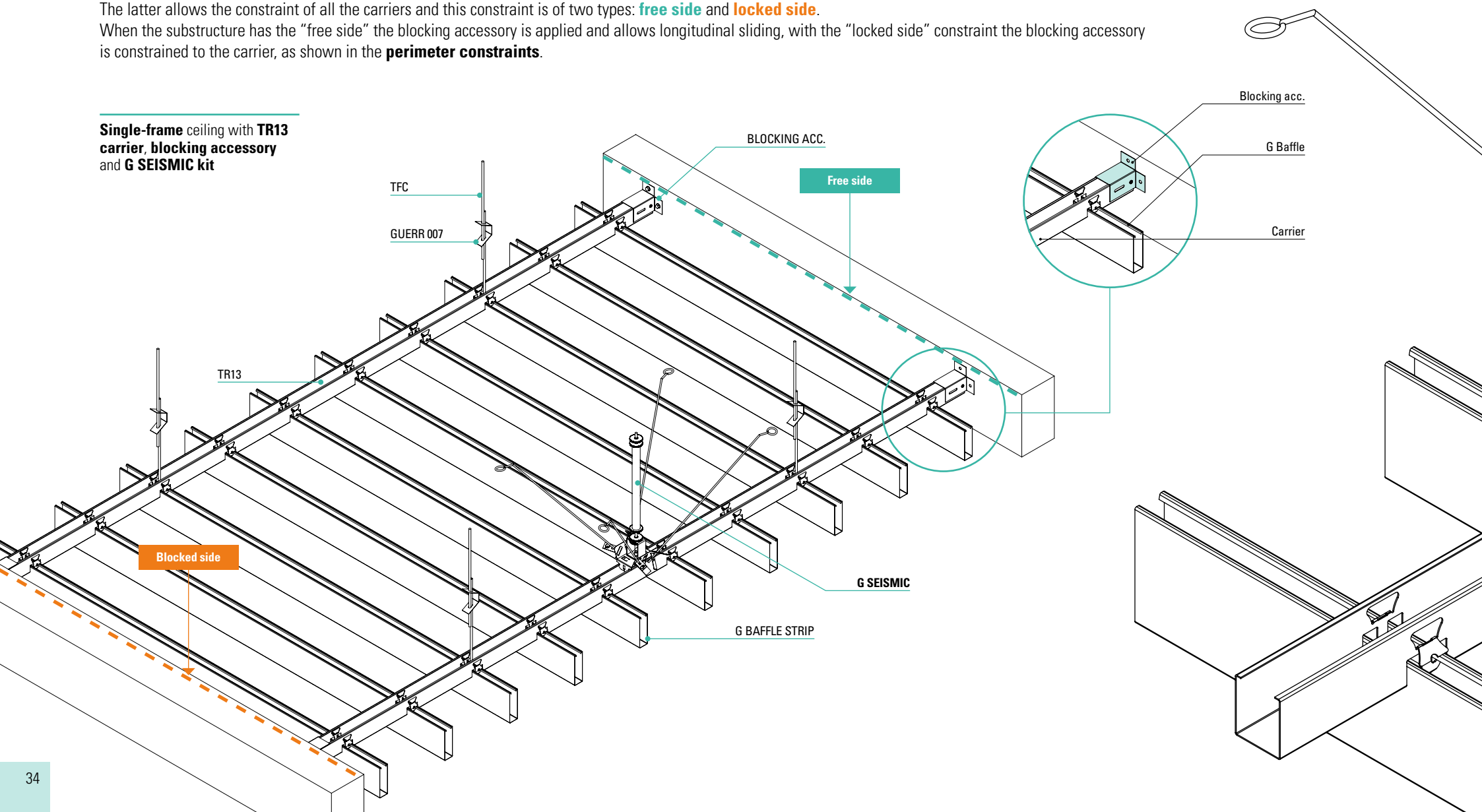
To view the perimeter profiles suitable for this system, see **page 40**

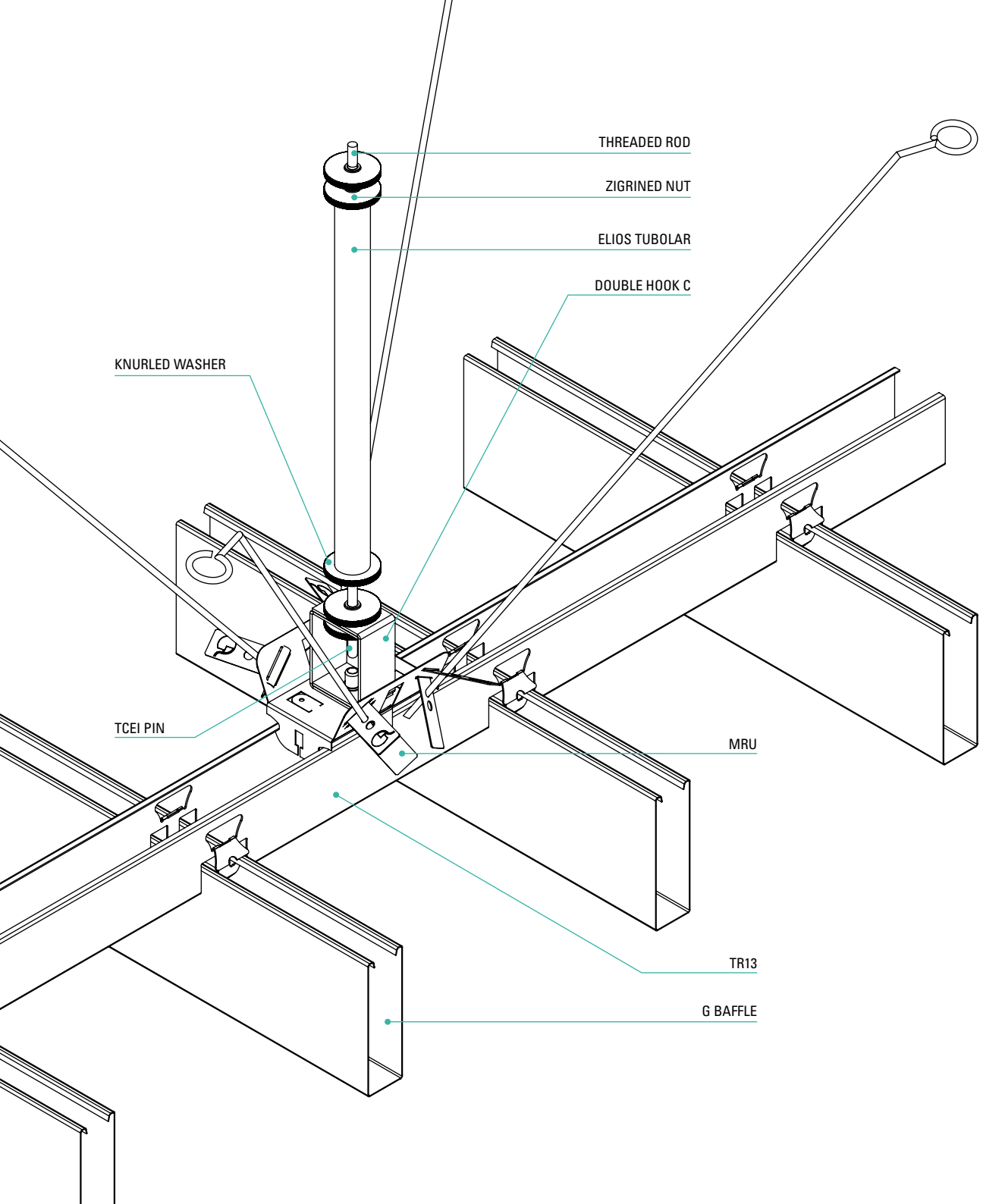
To view suspensions suitable for this system, see data sheet on **vertebra.com**

G SEISMIC for **Linear false ceiling / G Baffle**

The **G SEISMIC** is suitable for linear false ceilings made of metal strips and is mounted on the TR13 carrier suitable for G Baffle. It is available in two types for two different height conditions: **Kit 1050** (for heights from 200 to 1050 mm) and **Kit 2050** (for heights from 1050 to 2050 mm). The G SEISMIC responds to the actions of the earthquake for the entire suspended area of the room, perimeterwise the response to the action of the earthquake is guaranteed by the locking accessory.
The latter allows the constraint of all the carriers and this constraint is of two types: **free side** and **locked side**.
When the substructure has the "free side" the blocking accessory is applied and allows longitudinal sliding, with the "locked side" constraint the blocking accessory is constrained to the carrier, as shown in the **perimeter constraints**.

Single-frame ceiling with **TR13 carrier**, **blocking accessory** and **G SEISMIC kit**





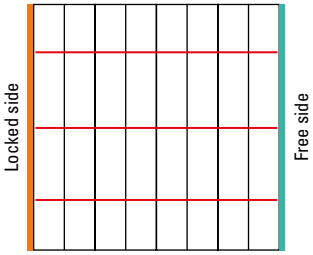
FITTING SYSTEM

G BAFFLE	TR13

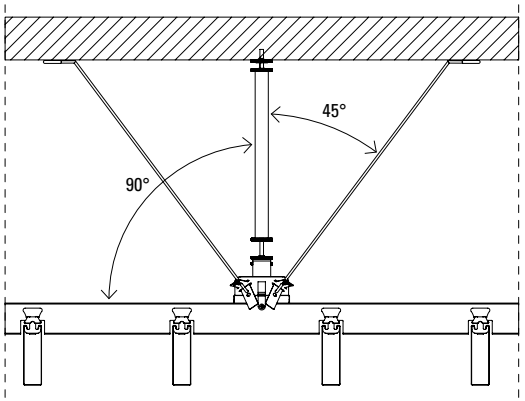
TECHNICAL FEATURES

Kit	Suitable carrier	Type of strip
G SEISMIC	TR13	G BAFFLE

PERIMETER CONSTRAINTS

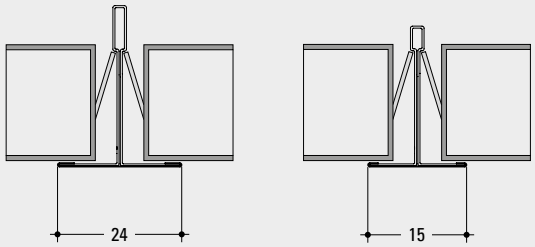


G SEISMIC installation on carrier in front view



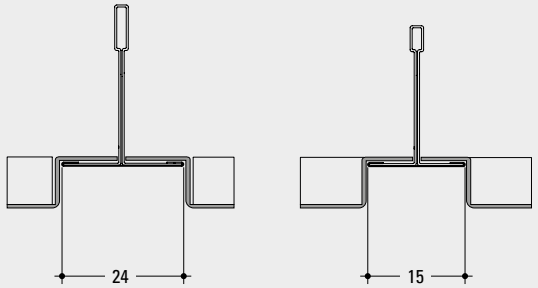
Panels suitable for T-structure

VERT **VISIO**



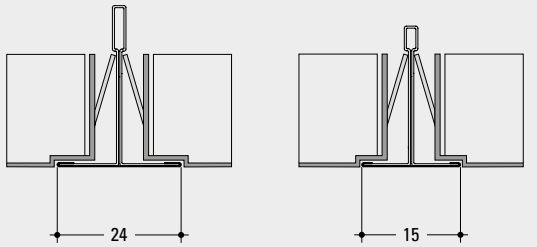
Panel for installation on the T-structure for modular false ceilings, simple and quick to install.
It leaves the structural mesh visible and can be accessed by lifting it from below.
Available pre-painted or post-painted steel or aluminium.
Its surface can be either smooth or perforated for greater acoustic comfort. It can be integrated with Vert Visio Led ceiling lights, spotlights or A/C plenums.

VERT **SEMI VISIO**



Panel for installation on the T-structure for modular false ceilings, simple and quick to install.
It creates an attractive shadow joint effect while leaving the structural mesh half-hidden, and can be accessed by lifting it from below.
Available in pre-painted or post-painted steel or aluminium.
Its surface can be either smooth or perforated for acoustic comfort. It can be integrated with Vert Semivisio Led ceiling lights, spotlights or A/C plenums.

VERT **FLAT**

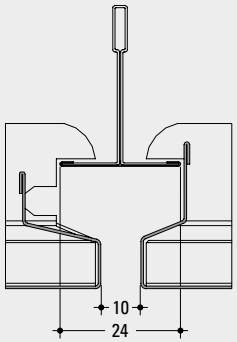


Panel for installation on the T-structure for modular false ceilings, simple and quick to install.
It is shaped so that the lower surface is coplanar to that of the structure, lightening the aesthetics of the modular track, and can be accessed by lifting it from below.
Available in pre-painted or post-painted steel or aluminium.
Its surface can be either smooth or perforated for greater acoustic comfort. It can be integrated with Vert Flat Led ceiling lights, spotlights or A/C plenums.

The following representations are indicative.
To view each individual system, please download the **"Integrated False Ceilings"** catalogue or the data sheets from the **vertebra.com** website

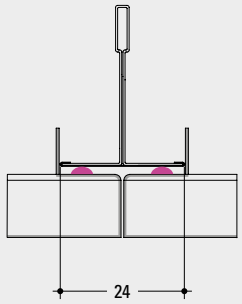
G SEISMIC

VERT **BOX**



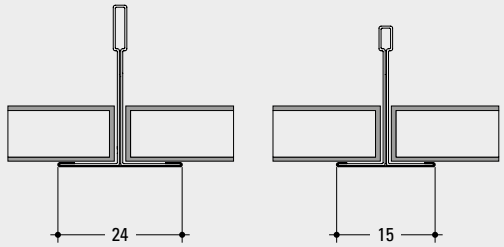
Panel for installation on the T-structure for modular false ceilings, simple and quick to install.
It creates a pleasant shadow joint effect with the structure, giving the room greater depth and can be accessed at any point.
Available in pre-painted or post-painted steel or aluminium.
Its surface can be either smooth or perforated for greater acoustic comfort. It can be integrated with Vert Box Led ceiling lights, spotlights or A/C plenums.

VERT **LAB**



Panel hanging on T-structure for airtight modular false ceilings.
The panel is hooked onto the structure by means of springs positioned on it guaranteeing practicality and safety, leaving the structural mesh hidden. It can be accessed from below by exerting a pulling pressure on the panel.
Available in pre-painted or post-painted steel or aluminium.
The panel can be integrated with Vert Lab Light Led ceiling lights, spotlights or A/C plenums.

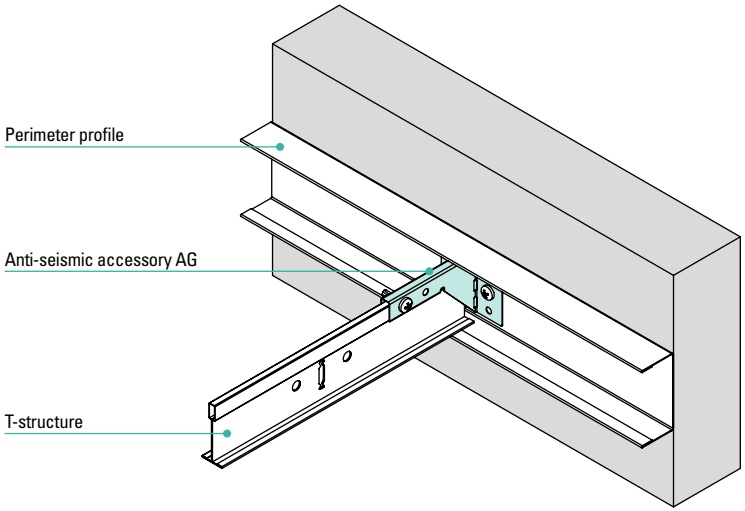
FIBRE PANEL



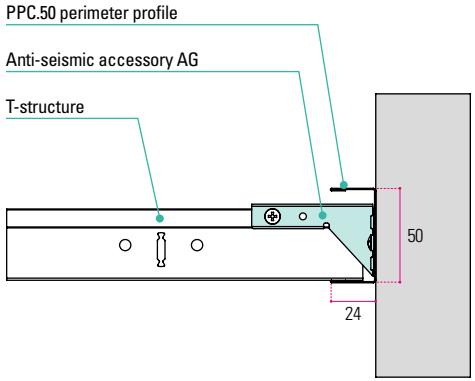
Panel for installation on the T-structure for modular false ceilings, simple and quick to install.
The panel leaves the structural mesh visible and can be accessed by lifting it from below.

Perimeter Profiles for T-Structure

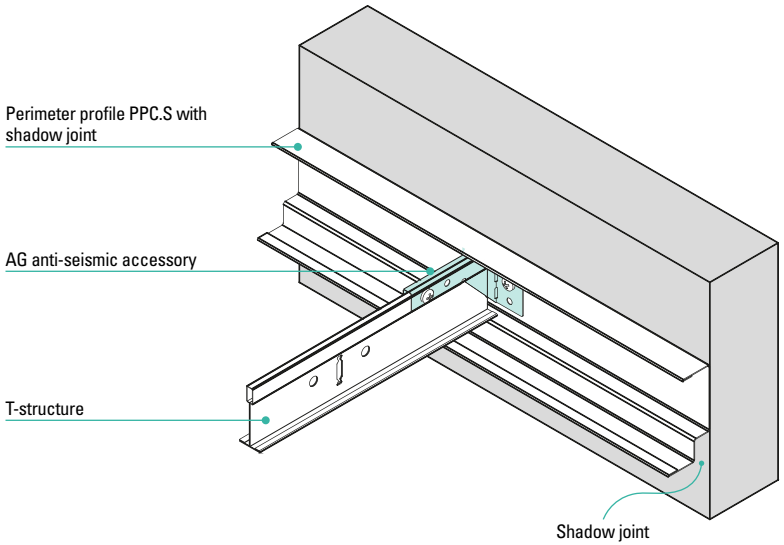
Perimeter for **Visio** and **Flat** panels



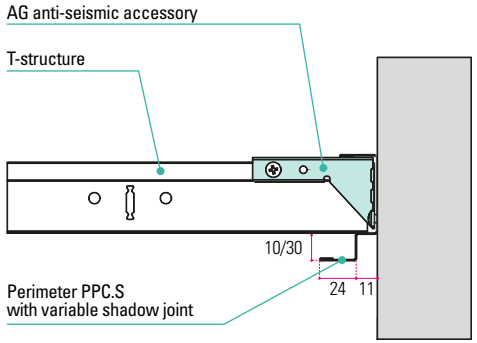
The **PPC.50** has the characteristic of integrating perfectly with the Vert Visio and Flat systems and, in addition to performing the function of a perimeter profile, has the possibility of integrating the anti-seismic accessory into it, which guarantees greater safety for the entire system in the event of seismic action. The assembly of the AG accessory is simple and intuitive; once positioned inside the PPC 50 profile, it is fixed with self-drilling screws and can be adjusted in both directions (right-left) to adapt the assembly of the structure to one's needs.



Perimeter for **Semi Visio** panels

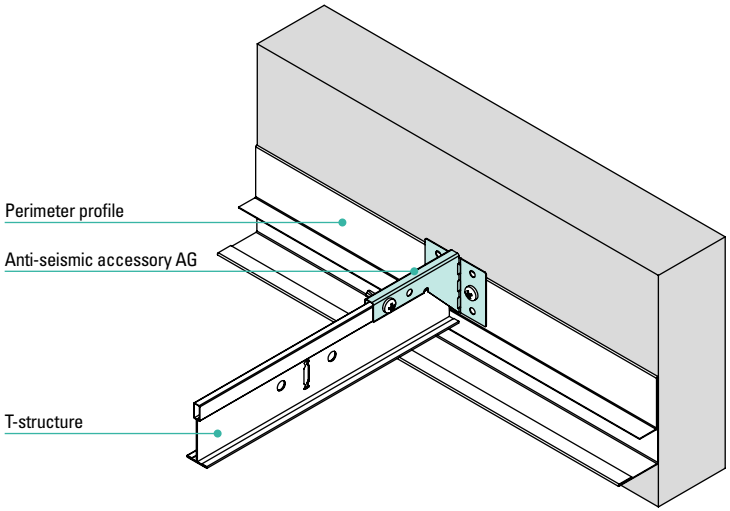


PPC.S creates a shadow joint that can vary in height (10-30 mm) depending on the Vert Semi Visio panel that is chosen. It has the option of integrating the anti-seismic accessory into it, which provides greater security for the entire system in the event of seismic action. The installation of the AG accessory is simple and intuitive; once positioned inside the PPC.S profile, it is fixed with self-drilling screws and can be adjusted in both directions (right-left) to adapt the assembly of the structure to one's needs.

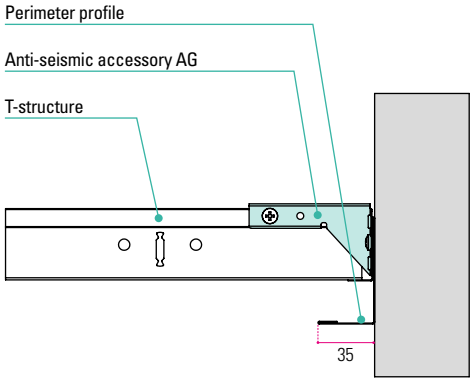


The following representations are indicative.
To view each individual system, please download the **"Integrated False Ceilings"** catalogue or the data sheets from the **vertebra.com** website

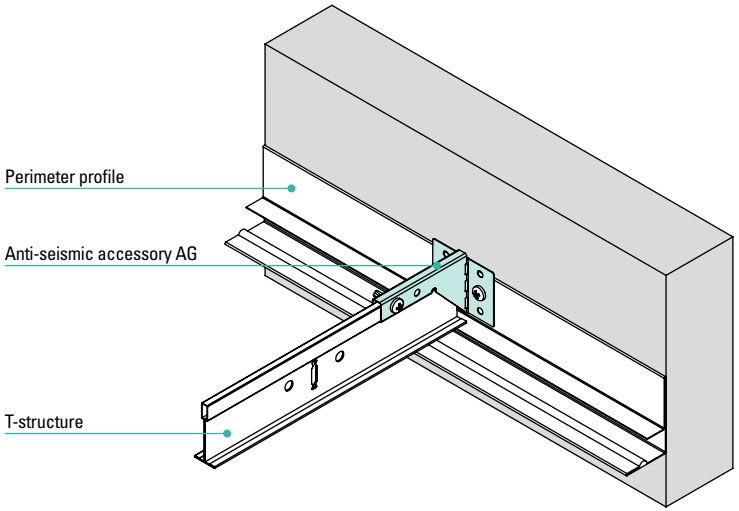
Perimeter profile for **Vert Box** panels



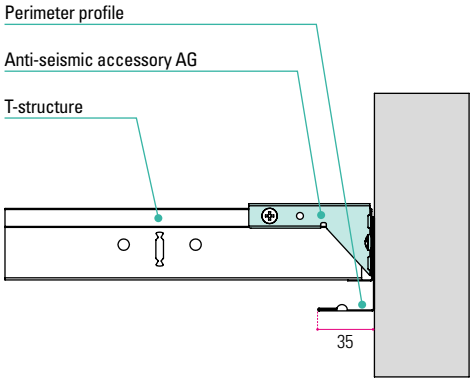
The **VB.PPF** is characterised by its ability to integrate perfectly with the Vert Box system thanks to its two levels on which it is possible to position the structure (upper level) and the panel (lower level). On the same it is possible to install the AG anti-seismic accessory, guaranteeing greater stability and safety. Once positioned on the PPF profile, it is fixed with self-drilling screws and can be adjusted in both directions (right-left) to adapt the assembly of the structure to your needs.



Vert Lab panel perimeter

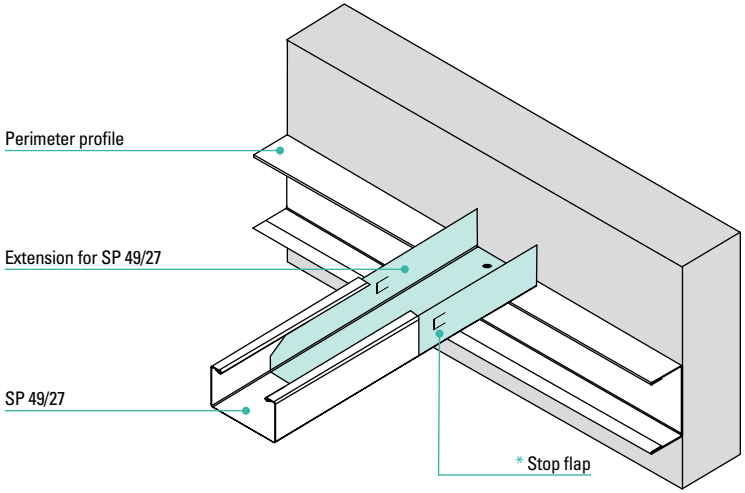


The **VL.PPF** is characterised by the possibility of perfect integration with the Vert Lab system thanks to its two levels on which it is possible to position the structure (upper level) and the panel (lower level). On the same it is possible to install the AG anti-seismic accessory, guaranteeing greater stability and safety. Once positioned on the PPF profile, it is fixed with self-drilling screws and can be adjusted in both directions (right-left) to adapt the assembly of the structure to your needs.

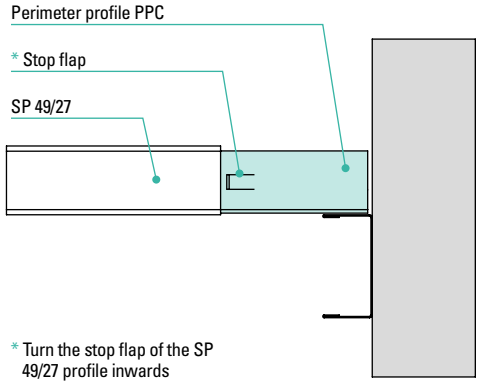


Perimeter locking accessories

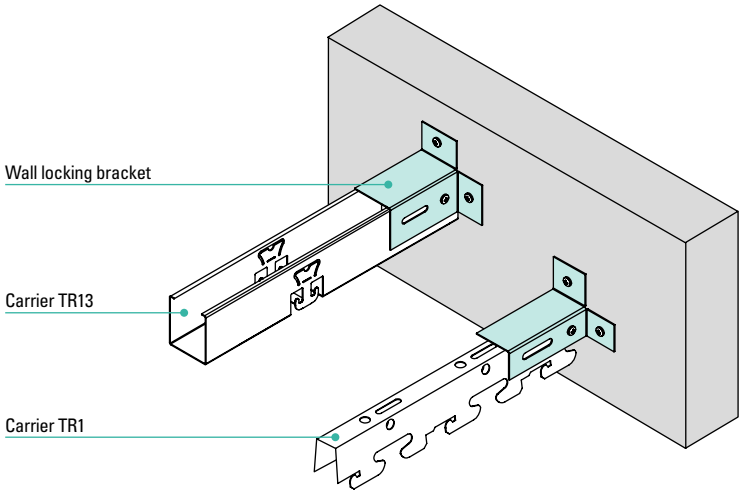
Extension for **SP 49/27**



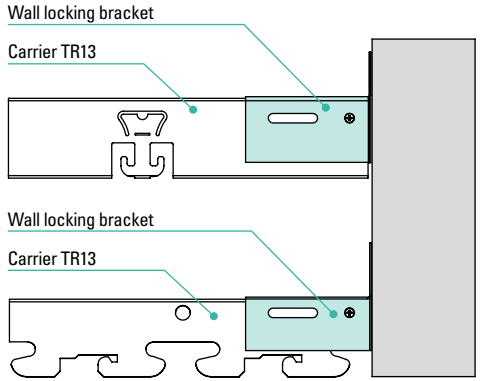
The **SP 49/27 extension** is mounted on the SP 49/27 load-bearing profile of the substructure and then fixed to the perimeter profile using self-drilling screws. In addition to supporting the substructure, the substructure is also more sealed in the event of seismic action, as it is explained in the **perimeter constraints** (p. 28-29).

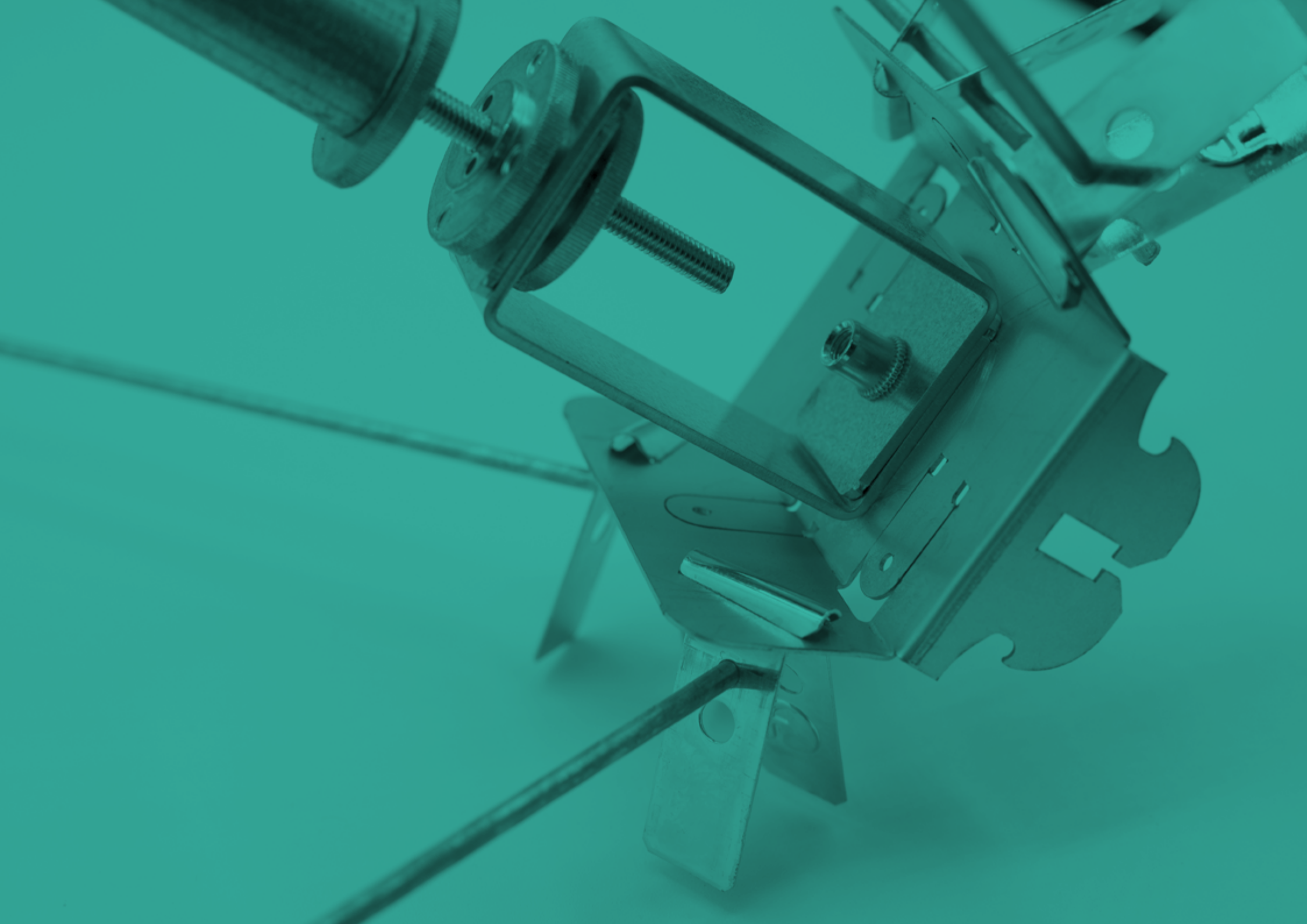


Locking bracket for carriers



The **wall-mounted locking bracket** is suitable for single-frame mounting on strips ceilings (p. 32-34). It is applied to various types of carriers and then fixed to the perimeter using self-drilling screws. This bracket, in addition to the normal support of the false ceiling, it guarantees a greater tightness in the event of seismic action, as explained in the **perimeter constraints** (p. 32-34). Thanks to its geometry, assembly is simple and intuitive.



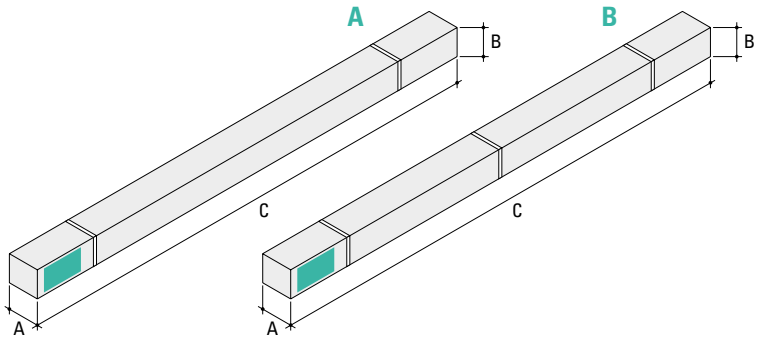



G-SEISMIC
Kit sospensione antisismica per controsoffitti:
- Modulari con struttura T24/38 e T15/38.
- Modulari tipo clip-in occulto;
- Continui in cartongesso.
- Baffles.
www.vertebra.com

Labelling and packaging

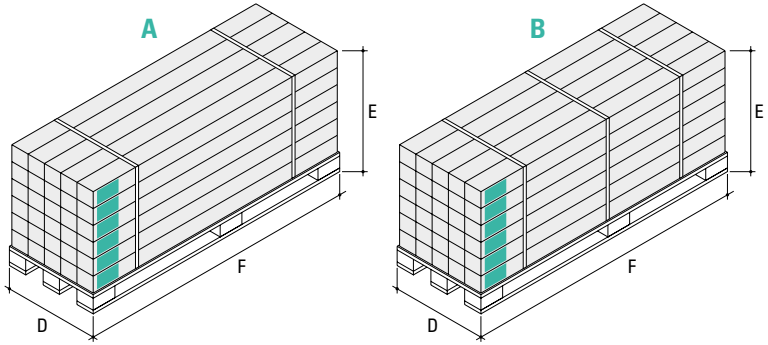
Packages should be stored under cover in a relatively dry atmosphere and at a temperature as constant as possible, in order to avoid condensation phenomena that may reduce the passivation protecting the galvanised surface.
In the case of outdoor storage (not recommended), use a cover that perfectly protects the material against the weather (rain, fog, snow), taking care to place the packages at a slight angle.
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 build up and create condensation.

PACKAGING — 6 kit / G SEISMIC



Weight	kg	A	11	1,05m
		B	20	2,05m
Dimensions	cm	14 A	11 B	170 C

PALLET — 180 kit / G SEISMIC



Packaging	pcs		30	
Weight	kg	A	339	1,05m
		B	609	2,05m
Dimensions	cm	70 D	79 E	170 F

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