



TECHNICAL FILE

ALTIFIX
on steel deck





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Support & anchoring point

ALTIFIX

PRODUCT BENEFITS

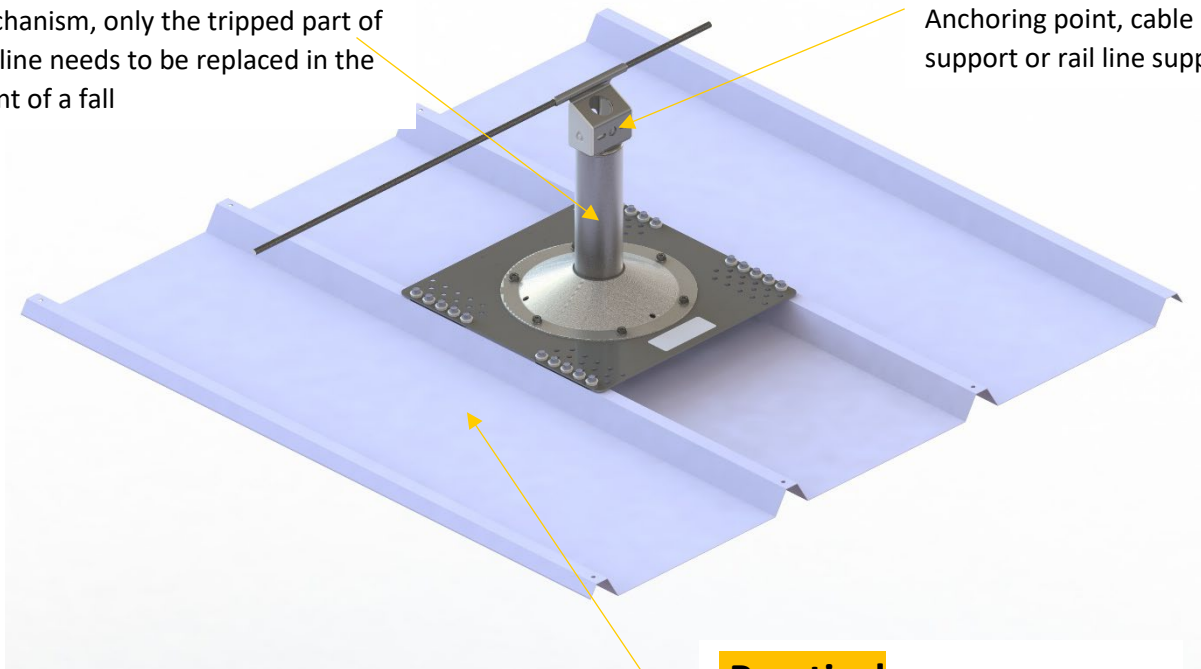
The ALTIFIX range is designed for installation on steel decking. Versatile, it can be both an anchorage point and a support for a cable or rail lifeline. Its triggering bollard means that in the event of a fall, only the triggered part of the line needs to be replaced, rather than the whole line.

Economical

Thanks to its patented tripping mechanism, only the tripped part of the line needs to be replaced in the event of a fall

Versatility

Anchoring point, cable lifeline support or rail line support



Practical

Available for different types of mounting: on a tray or on a framework



Support & anchoring point

ALTIFIX

PRESENTATION

The Altifix range is a versatile range of anchor points, cable lifeline supports and rail lifeline supports. It has been designed to be installed on all types of steel tank, either directly on the tank or on the purlins of the roof structure.

TECHNICAL SPECIFICATIONS

- Tube or plate material: stainless steel
- Compatible with all types of steel sheets with a trapezoidal or sinusoidal profile, a minimum thickness of 59/100 and fixed in accordance with current standards.
- Standard wave centres: 250, 280, 300, 304, 333, 352, 386, 415 and 430 mm.
- Specific centre distances available on request.

CONFORMITY & MARKING

Product marking in accordance with EN 365.

The following references comply with the standard:

- ▶ Standard EN 795 Type A.
- ▶ CEN/TS 16415:2013



Type tests carried out by:

- APAVE

17 Bd Paul Langevin - 38600 Fontaine

- ALPES CONTROLES office

367 Av du Grand Arietaz - 73000 Chambéry

REMINDER OF STANDARDS

Only when it is technically impossible to provide collective protection can individual protection against falls from height be considered (French Labour Code R4323-61).

Personal protective equipment can also be used as a complement to collective protection. The use of this type of protection imposes organisational constraints, in particular:

- defining, installing and choosing the type of equipment (lifeline, anchorage point, etc.),
- work with at least two people,
- definition of an emergency response plan,
- installation and use instructions,
- staff information and training,
- periodic inspections,
- weather conditions.

As a reminder, extract from recommendation R430 - INRS/CNAMTS :

For buildings to be constructed of any kind, technical provisions to facilitate the prevention of falls from height during subsequent work on the building must be provided for at the design stage.

The ground of technical impossibility cannot therefore be accepted, as it is now up to the project owner to modify his project so that no situation remains that cannot be properly resolved, at least, by the implementation of collective protection.



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STANDART COMPLIANCE AFXBAC-PA

1 APPLICANT

Applicant : Mr Florian WATELET
Manufacturer : VERTIC - 691, Chemin des fontaines - CIDEX 8F - 38190 BERNIN - France

2 EXAMINED EQUIPMENT

Brand : VERTIC
Commercial designation : ALTIFIX
Reference : AFXBAC-PA

3 STANDARDS

NF EN 795 : March 2016 (A)
TS 16415 : 2013 (A)

4 TERMS OF USE

- This device is not considered as being a personal protection equipment.
- This device is intended to be used in combination with a personal protection equipment.
- Installation is possible on horizontal and inclined mounting surfaces with plate seals.
- Installation is possible on steel roof panels complying to the NF P34-205 Mai 1997 standard (DTU 40.35) on which the real measured thickness can drop down to 0.59mm
- Mounting on steel roof panels through our "KV-BAC" reference screws kit

5 DESCRIPTION

See report n° 740-X-2016-006L written on 9th august 2016

6 CONCLUSION

AFXBAC-PA device complying of static and dynamic tests to standards (reference § 3).

9th august 2016

**Inspector,
Bruno DELACQUIS**

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ATTESTATION DE CONFORMITE :
AFX2-FR

1 APPLICANT

Applicant : Mr Florian WATELET

Manufacturer : VERTIC - 691, Chemin des fontaines - CIDEX 8F - 38190 BERNIN - France

2 EXAMINED EQUIPMENT

Brand : VERTIC

Commercial designation : Altifix

Reference : AFX2-FR

3 STANDARDS

NF EN 795 : March 2016 (A)

TS 16415 : 2013 (A)

4 TERMS OF USE

- This device is not considered as being a personal protection equipment.
- This device is intended to be used in combination with a personal protection equipment for a maximum of 2 users simultaneously.
- Installation is possible on horizontal, vertical and inclined mounting surfaces with plate seals.
- Installation is possible on steel roof panels complying to the NF P34-205 Mai 1997 standard (DTU 40.35) on which the real measured thickness can drop down to 0.59mm
- Mounting on steel roof panels through our "KV-BAC" reference screws kit
- The average stress resistance of the product with its mounting hardware exceeds 20,25 kN

5 DESCRIPTION

See report n° 740X167A written on 10/14/2016

6 CONCLUSION

AFX2-FR device complying to standards of static and dynamic tests to standards reference (53).

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Agences - AQUITAINE : Bordeaux (33) - AUVERGNE : Courmoult d'Avignon (63) - BOURGOGNE-FRANCHE-COMTÉ : Dijon (21), Besançon (25), Belfort (90)
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CERTIFICATE OF CONFORMITY

No. AT4403065-1

I. APPLICANT

- Applicant: Mr. Sylvain MANON
- Corporate name: VERTIC –Chemin des Fontaines – Cidex 8F – 38190 BERNIN – France – vertic@vertic.fr

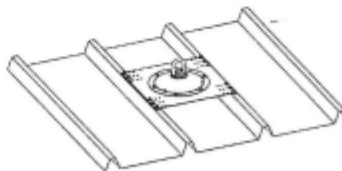
II. CONSIDERED DEVICE

- Manufacturer: VERTIC SAS
- Reference: Turning anchorage for roofing panel AFX2-PA
- Category of equipment: Anchorage device NF EN 795 norm, class A1 Sept. 96

III. DESCRIPTION

The AFX2-PA anchorage is made up of the following parts:

- Stainless steel AFX2-FR plate – Reference: **290336**
- Stainless steel beaded cap – Reference: **290319**
- Anchorage ring – Reference: **PEX.AFX**
- Backing for cap + welded screw – Reference: **700403**
- Flanged nut M6 – Reference: **BEEC01**
- Washer PA6 62x12x1.5 – Reference: **290353**
- Aluminum-copper spacer – Reference: **290354**
- Marking label PEX.AFX – Reference: **290352**
- Zinc coated locknut M10 – Reference: **BE013**
- Narrow stainless steel washer M10 – Reference: **BR006**
- Plastic nut cover – Reference: **A0030**
- Fixing kit with inserts to crimp – Reference: **KV2**



A detailed description is provided in the AFX2-PA anchorage's technical package written by Sylvain MANON (VERTIC SAS).

IV. AUTHORITATIVE LITERATURE

The AFX2-PA anchorage system has been tested in compliance with the test methodology set forth in the NF EN 795 norm, class A1 of September 1996, that is with a dynamic test (fall from 2.5 m with a mass of 100kg) and with a static test (10kN for 3 minutes).

V. CONCLUSION

The AFX2-PA anchorage device has successfully passed the dynamic and static tests set forth in the Norm on trays which centerline is 250mm (thickness 0.63mm) and 333mm (thickness 0.63mm). Both the tests have been made parallel and perpendicular to the tray ribs. The static test was made till 12kN.

The AFX2-PA anchorage system complies with the requirements of the NF EN 795 norm, class A1, of September 1996.

October 10th, 2008
The officer

Guillaume QUINTIN

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This certificate cannot be construed as the voucher required by the French Consumer code (article L-115-27) in which an organization distinct from the manufacturer's certificates, for commercial purposes, that a product complies with the requirements of the authoritative literature filed with the administrative authority.

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CERTIFICATE OF CONFORMITY

No. 20159906a

I. APPLICANT

- Applicant: Mr. ARGOUT
- Corporate name: VERTIC –ZA du Verney –8 Av. de la Chantourne

II. CONSIDERED DEVICE

- Manufacturer: VERTIC
- Trademark: ALTIFIX1
- Reference: AFX1
- Category of equipment: Anchorage device, class A1 (EN 795)

III. OPERATING CONDITIONS

- The anchorage device is designed to be used by one person at a time with individual protection devices.
- Fixing on vertical, horizontal or sloped surfaces.
- Gluing on the support after drilling.

IV. DESCRIPTION

- | | |
|--|---|
| 1- White lifting ring ZN | 10- Stainless steel stirrup D=30 M10 |
| 2- Nylstop nut M12 ZN | 11- Stainless steel Nylstop nut M10 |
| 3- Worked steel stopper | 12- Stainless steel washer under plate th.: 4 |
| 4- Stainless steel distortion washer D=34, Th.:1.2mm | 13- Stainless steel omega-type fixing plate |
| 5- Nylon worked guide ref. | 14- Gasket for adhesive punched tape |
| 6- Normal nut M12 ZN | 15- External tube |
| 7- Zinc coated steel white eye M12 | 16- Internal tube 140*40*3 drilled at D=16 |
| 8- Internal U-shim with fillet 30*15 ZN | 17- Superior aluminum cup |
| 9- Inserts M12 for thickness 13 | 18- Stainless steel internal tube D=33+1.6 (material + chamfer) |

A complete description is provided in the report no. 20159906a.

V. AUTHORITATIVE LITERATURE

- The anchorage device has been examined in compliance with the NF EN 795 norm "Anchorage devices" of September 1996.

VI. CONCLUSION

The Vertic's class A1 anchorage device named "ALTIFIX", placed on a steel tray 40.35 of thickness 63/100 and on a metallic beam UPN 80*45 th. 7mm, fixed with ZACROVIS screws 6*35, on a steel tray 40.35 of thickness 63/100 and on a metallic profile 80*50 th. 1.5mm, fixed with ZACROVIS screws 6.3*38, as defined in the report no. 20159906a, is compliant with the requirements set forth in the NF EN 795 norm of September 1996.

Document certified by APAVE stamp

January 6th, 2003
On behalf of CETE APAVE lyonnaise

Frédéric MOUTIN

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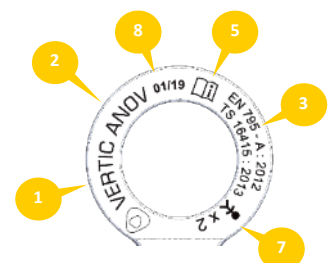
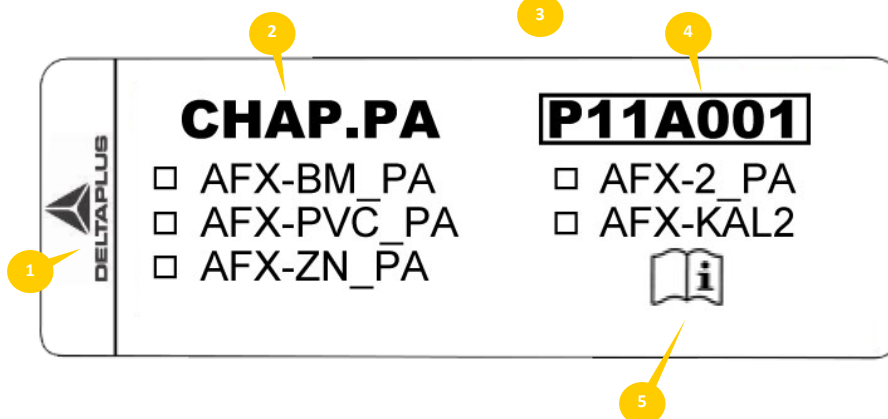
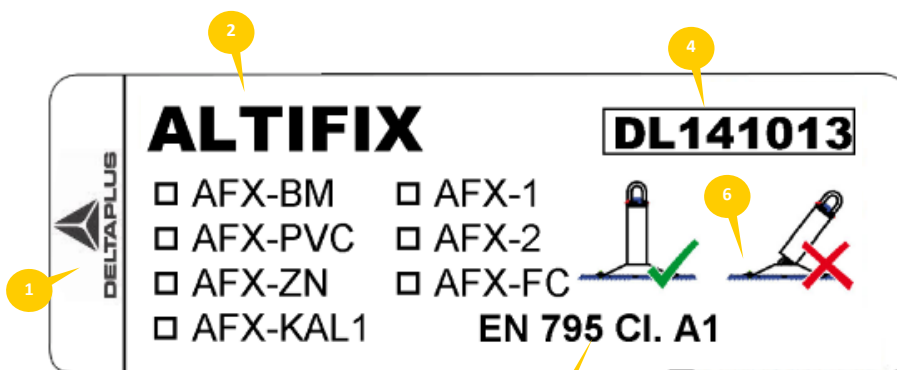
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Support & anchoring point

ALTIFIX

Product marking in compliance with EN 365

- 1 Manufacturer's name
- 2 Product name / Reference(s)
- 3 Standards to which the product conforms
- 4 Batch number
- 5 Pictogram inviting you to read the instructions
- 6 Pictogram warning not to use the product if it is triggered
- 7 Maximum number of people authorised to connect simultaneously
- 8 Date of manufacture of the ring





Support & anchoring point

ALTIFIX

Information

This manual is intended for users and installers of WVAFX1, WVAFX2FR, WVAFX2ES, WVAFX2SZOI, WVRAFXST, WVRAFXSTES, WVRAFXSTZOI, WVAFXBACPA, WVAFXBACPAES, WVAFXBACPAZOI and WAFXBACOPA products.

It must be read and understood by each person before using and/or installing the product. If you have any doubts, problems of understanding, or if a problem arises which is not dealt with in this document, contact your Delta Plus Systems representative or the Delta Plus Systems technical service directly.

These instructions must always be available and accessible to the user. Any activity at height is dangerous and may cause accidents, serious injury or death. You are responsible for practising and learning the techniques for using the appropriate equipment. Before using the product, you must therefore read and understand all the information contained in the instruction manual. Failure to heed any of these warnings could result in serious injury or death. For safety reasons, the user must be in good health and not be under the influence of medication, alcohol or drugs.

This equipment must only be used by people who are trained and competent to use it safely. The use of these products is strictly forbidden if they are incorrectly installed or damaged. No modification of or addition to the equipment may be made without the prior written consent of Delta Plus Systems, and any repairs must be carried out in accordance with Delta Plus Systems' operating procedures.

These products must not be used beyond their limits, or in any other unforeseen situation.

Before any use of the anchor, a rescue plan must be put in place to deal with any emergencies that may arise during work. Before and during use, consideration should of course be given to ensuring that any such rescue can be carried out safely and effectively.

Instructions for use

The Altifix on tray range is designed to be installed :

- on a steel sheet roof with a minimum thickness of 0.59 mm. The position of the purlins in relation to the anchor is immaterial. In the most unfavourable case, the anchor can be positioned in the middle of the span.
- on steel roofing of any thickness, as the plate is fixed directly to the purlins using 8 self-drilling screws. It is used in the case of questionable or too thin steel sheets.

The anchors are suitable for use by a single person with the following authorised connections:

- Guided type fall arresters EN353-2
- Automatic fall arresters EN360
- Energy absorber EN355

Authorised connections must be made to the person using a fall arrest harness complying with EN Standard 361.

The fall arrest harness is the only body-gripping device permitted to be used in a fall arrest system.

The WVAFX1, WVAFX2FR, WVAFX2ES and WVAFX2SZOI references are equipped with a system that is triggered in the event of a fall. The body of the bollard tilts along the axis of the fall and absorbs part of the energy to protect the roof.



Support & anchoring point

ALTIFIX

They can be used as Delta Plus Systems lifeline supports when fitted with an energy absorber (Ref. WVABS55) to limit the force at the end in the event of a fall to 600daN.

References WVAFXST, WVAFXSTES, WVAFXSTZOI can be used as Delta Plus Systems lifeline rail supports.

Important - Prevention before use

Visually check that the anchor is in good condition:

- No permanent deformation of the anchoring ring
- No trace of corrosion
- Good condition of fasteners (tightening of nuts, etc.).
- For references fitted with a release system: if the body is not fully and firmly in contact with the plate which supports it, a significant stress has occurred. Do not use the anchor point until it has been checked and repaired by a competent person authorised by Delta Plus Systems.

At height, your life depends on the equipment used. Any doubts as to the safety of the device should be reported to the manufacturer and to the person responsible for the installation. If the bollard is struck, do not use the product again until it has been checked and brought back into compliance by a competent person authorised by the manufacturer.

Service life - Disposal

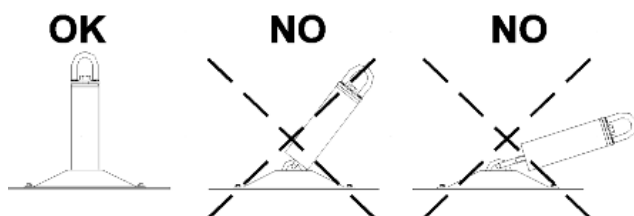
For Delta Plus Systems products, plastics and textiles, the maximum service life is 10 years from the date of manufacture, with the exception of the WVABS55 reference, as long as an annual inspection is carried out. There is no limit for metal products.

CAUTION, an exceptional event may lead you to reject a product after a single use (type and intensity of use, environment of use: aggressive environments, marine environment, sharp edges, extreme temperatures, chemicals, etc.).

A product must be scrapped when :

- ▶ It is over 10 years old and made of plastic or textile.
- ▶ The result of the product checks is not satisfactory.
- ▶ You have doubts about its reliability.
- ▶ You don't know its full history of use.
- ▶ Its use is obsolete (changes in legislation, standards, technology or incompatibility with other equipment, etc.).

Destroy these products to prevent future use.





Support & anchoring point

ALTIFIX

Maintenance and servicing

Any modification or addition to the equipment without the prior written consent of the manufacturer is prohibited.

Any repairs to system components must be carried out in accordance with Delta Plus Systems procedures. If in doubt about the condition of the product, replace it with an original Delta Plus Systems part.

A soiled product must be washed and rinsed with clean water, then dried. It must not be brought into contact with corrosive or aggressive materials, or stored at extreme temperatures. All chemical products and solvents can alter the resistance of the system components. If the product is likely to come into contact with these products, please let us know the exact name of the chemical components and we will reply after an appropriate study. It is known that equipment in use degrades progressively and it is therefore difficult to give a precise lifespan to the product without knowing the intensity and frequency of use. Similarly, an exceptional situation may limit the service life to a single use. Certain environments accelerate product ageing (salt, sand, snow, chemical environment, etc.) (non-exhaustive list).

It is recommended that the condition of the product be checked at least every 12 months by an authorised and competent person in strict compliance with Delta Plus Systems operating procedures. These periodic and regular examinations are necessary because the safety of the user is linked to the maintenance of the efficiency and resistance of the equipment.

Checks should include: general good condition, condition of fasteners, tightening torque and legibility of markings.

The inspection and the results must be recorded in writing in a maintenance log using the identification and inspection sheet supplied by Delta Plus Systems. Repairs to products in the Altifix BM range are prohibited. If in doubt about the condition of the product, replace it with an original Delta Plus Systems part.

Our Delta Plus Training centre can train you in all these maintenance, overhaul and repair operations for Delta Plus Systems products and also carries out all these maintenance operations.

Delta Plus Systems can also help you check, inspect and maintain your permanent fall arrest and PPE safety systems. You can also ensure that your teams are fully conversant with the use of these fall arrest solutions and the basic concepts they need to know to work safely at height, by offering them comprehensive, customised training courses run by our training centre.



Delta Plus

691, Chemin des Fontaines - Cidex 8F - 38190
BERNIN - France

Training -



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Support & anchoring point

ALTIFIX

Installation

For safety reasons, it is essential that the anchorage point is always correctly positioned and that the work is carried out in such a way as to minimise the risk of falls and the height of fall. It is also important to check that there is sufficient clearance below the user in the workplace, so that in the event of a fall there is no collision with the ground, and no other obstacle in the path of the fall. The anchorage must therefore be installed with all these safety parameters in mind. The product must be installed by installers approved or trained by Delta Plus Systems. Installers must ensure that the support materials in which the structural anchoring devices are fixed are suitable.

A qualified engineer should verify by calculation that the design and installation data are compatible with the force applied in the type test. The suitability of structural materials should be verified by the installer by testing a sample of the material. It is recommended that each structural anchor, once fixed in the material under consideration, be subjected to an axial tensile force of 5KN. The load should be maintained for at least 15 seconds.

Delta Plus Systems cannot be held responsible for incorrect installation of the anchoring point.

A schematic plan should be affixed to the building so that it is visible to all.

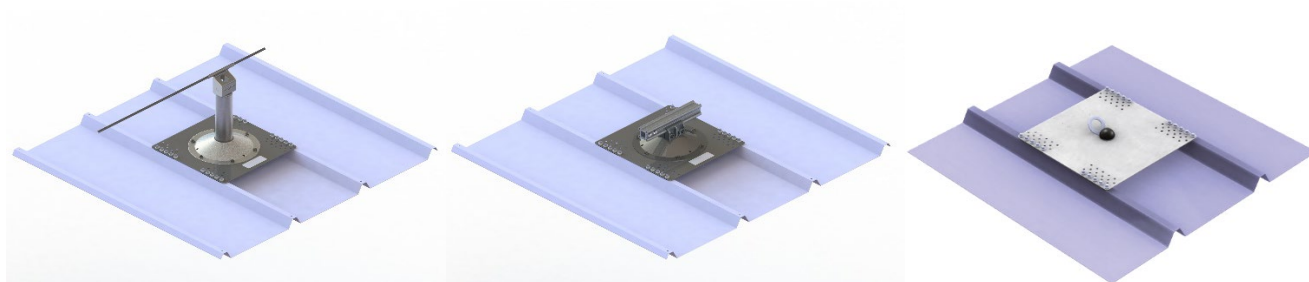
Where several anchor points are to be photographed for identification purposes, it is recommended that the anchor devices are marked with numbers and that this numbering is incorporated into the anchor device inspection records and the ground plan of the installation area.



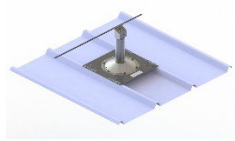
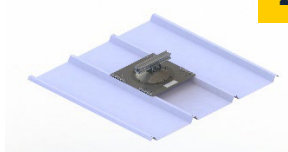
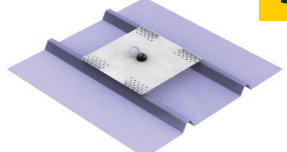

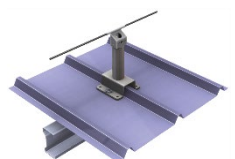
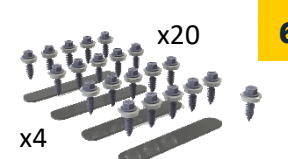


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Support & anchoring point

ALTIFIX



GENERAL NOMENCLATURE

| | | | |
|---|--|--|--|
|  |  |  |  |
| <p>1</p> <p>Trigger post - Cable lifeline support or anchoring point</p> <p>WVAFX2FR</p> <p>Specific extracts: WVAFX2ES, WVAFX2ZOI</p> | <p>2</p> <p>Anchoring point - Support de ligne de vie rail</p> <p>WVRAFXST</p> <p>Specific extracts: RAFXSTES, RAFXSTZOI</p> | <p>3</p> <p>Anchoring point</p> <p>WVAFXBACPA</p> <p>Specific extracts: WVAFXBACES, WVAFXBACZOI</p> | <p>4</p> <p>Anchoring point</p> <p>WVAFXBACOPA</p> <p>For Ondulit steel roofs</p> |
|  |  |  |  |
| <p>5</p> <p>Trigger post - Cable lifeline support or anchor point</p> <p>WVAFX1</p> <p>Mounting on framework</p> | <p>6</p> <p>WVKVBAC panel mounting kit</p> <p>Min. steel panel thickness > 0.60mm</p> <p>Self-drilling screws + EPDM seals</p> | <p>7</p> <p>Fixing kit for cold-formed metal purlin</p> <p>WVKV1A</p> | <p>8</p> <p>IPN fixing kit or UPN 80</p> <p>WVKV1M</p> |



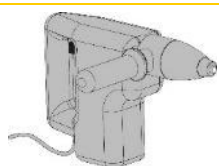
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Support & anchoring point

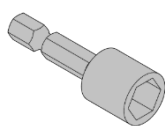
ALTIFIX

WVAFX1

TOOLS & PERSONNEL REQUIRED



1



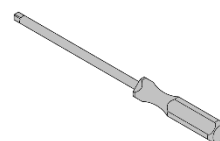
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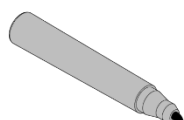


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x 1



6



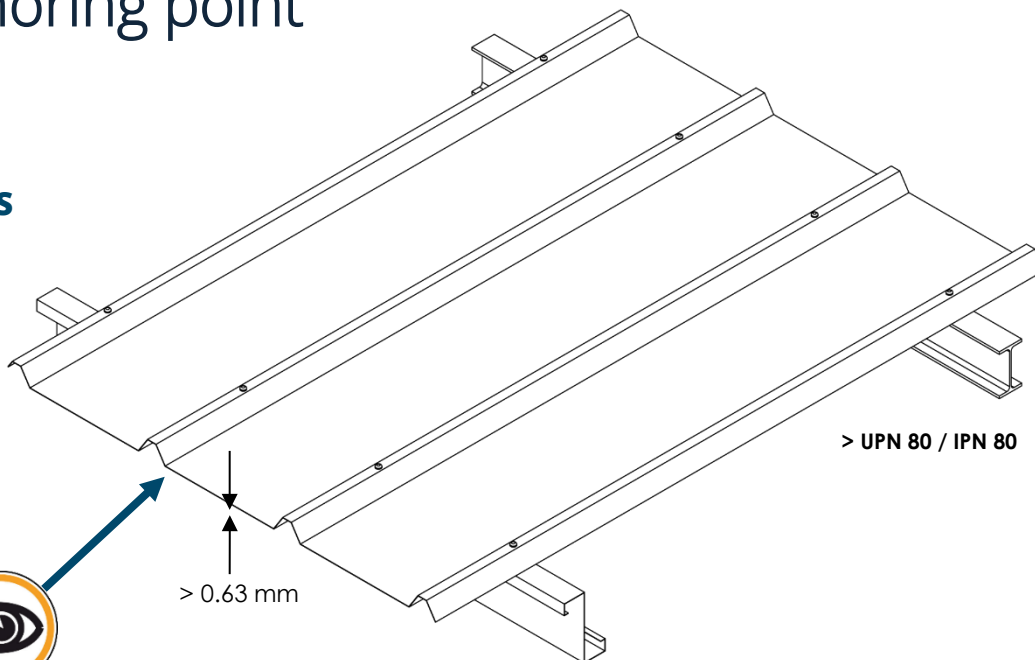
Distributed by

Support & anchoring point

ALTIFIX

WVAFX1 - PREREQUISITES

Steel
Steel
Acero
Staal
Stahl
Acciaio
Aço



| | IPN or UPN 80 | Cold-formed metal purlin |
|--|---------------|-------------------------------|
| Fixing kit Fixing kit Kit de fijación Bevestigingskit Befestigungssatz Kit di fissaggio Kit de fixação | | > 1.5 mm > 50 mm Multibeam |
| | WVKV1M | WVKV1A |



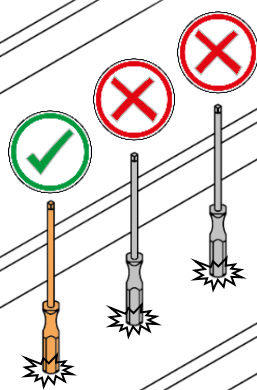
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Support & anchoring point

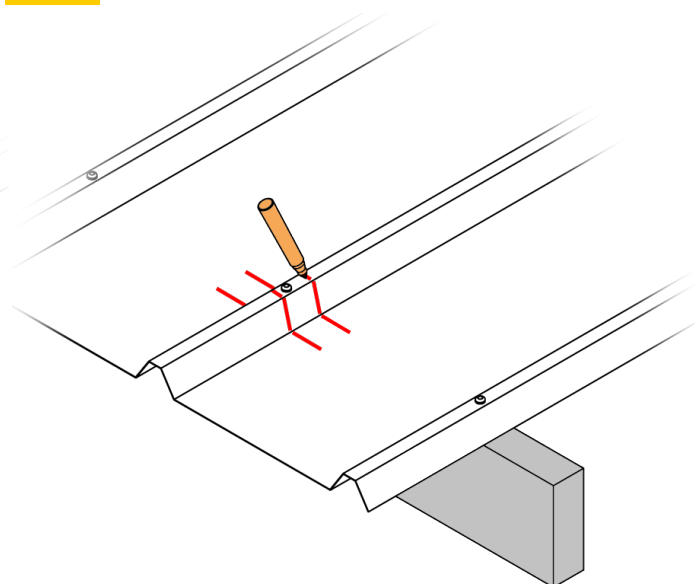
ALTIFIX

WVAFX1

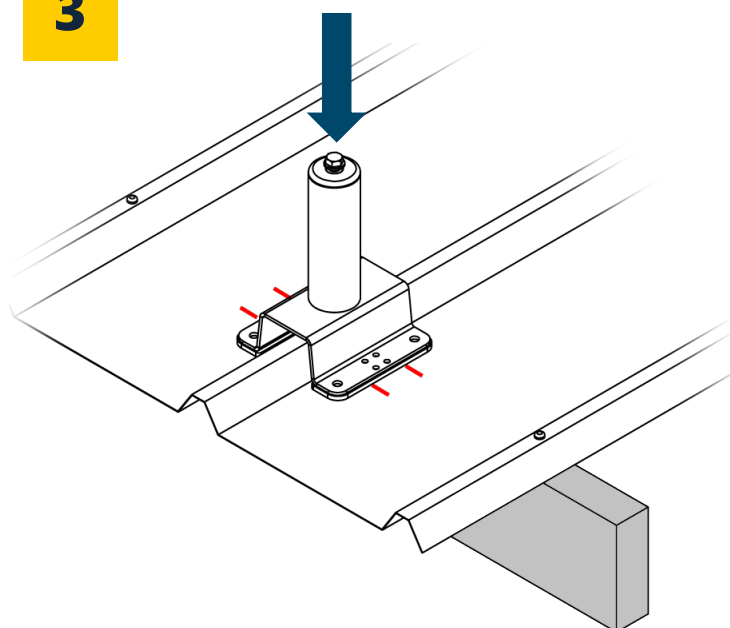
1



2



3





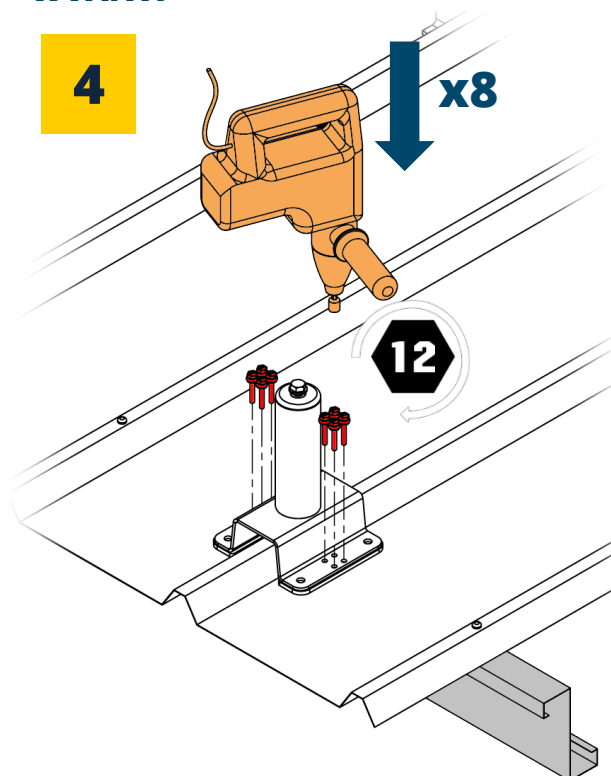
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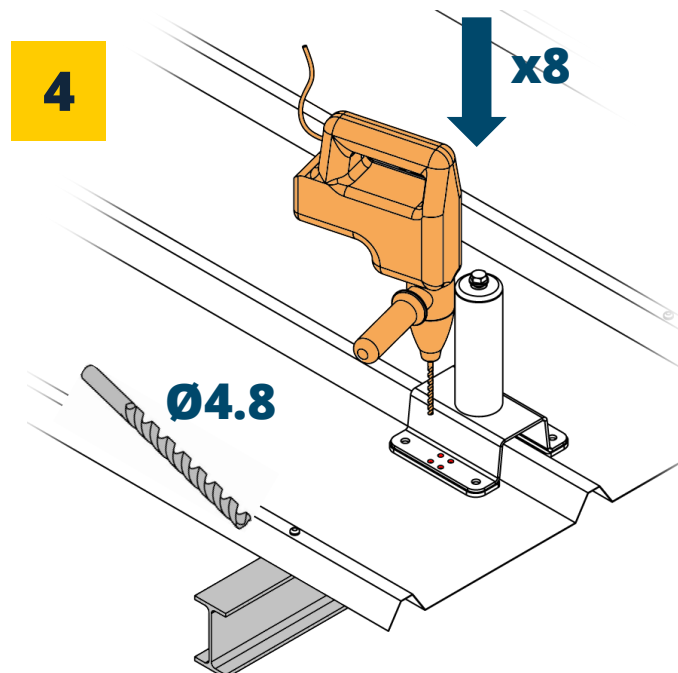
ALTIFIX

WVAFX1

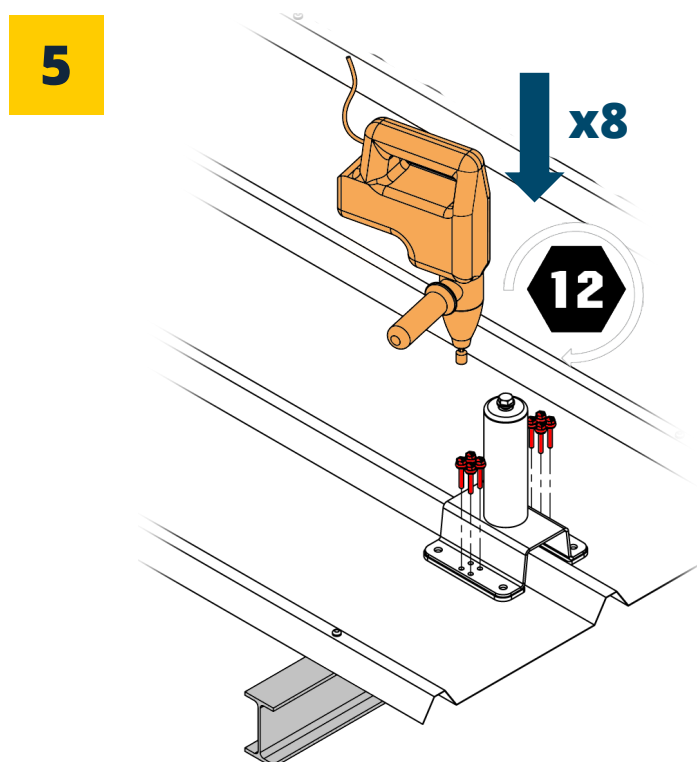
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4



5





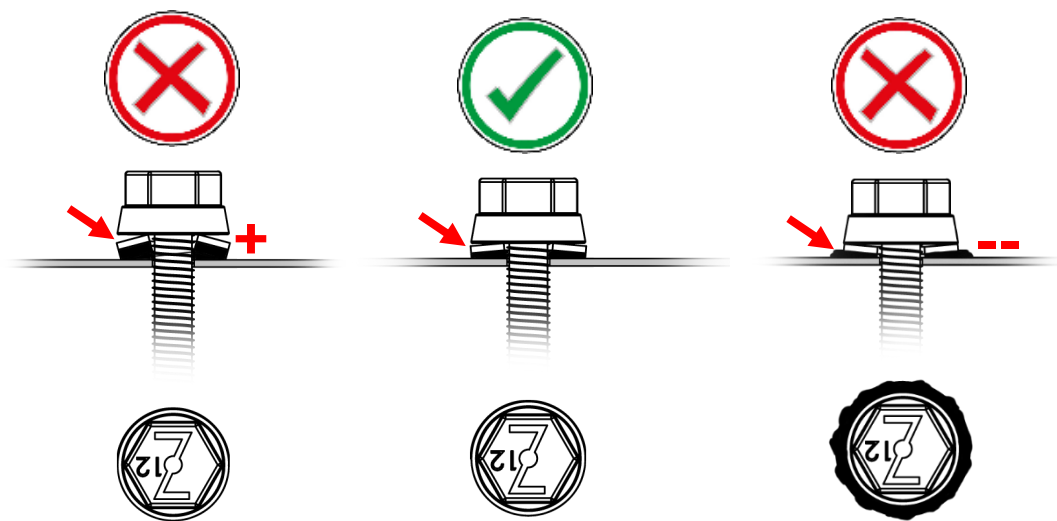
Distributed by

Support & anchoring point

ALTIFIX

WVAFX1

6





Distributed by

Support & anchoring point

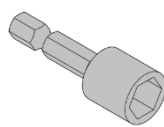
ALTIFIX

WVAFX1

TOOLS & PERSONNEL REQUIRED

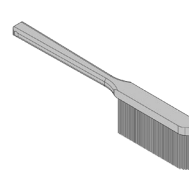


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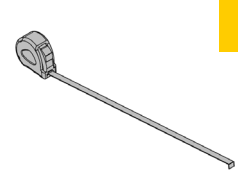


2

Ø8



3



4



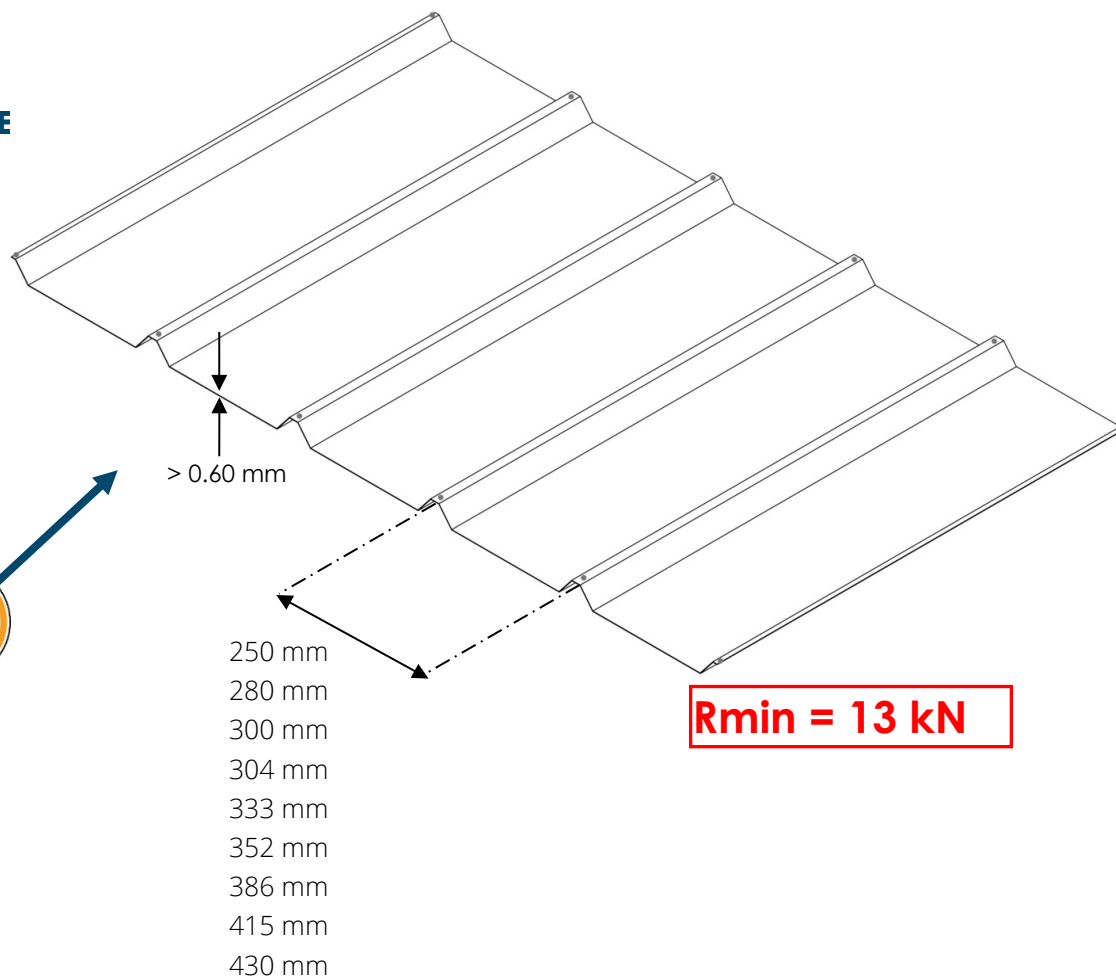
5

x 1

WVAFX1 - PREREQUISITE

Steel
Steel
Acero
Staal
Stahl
Acciaio
Aço

DTU 40-35





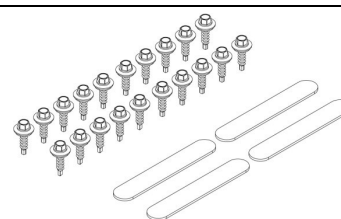
Distributed by

Support & anchoring point

ALTIFIX

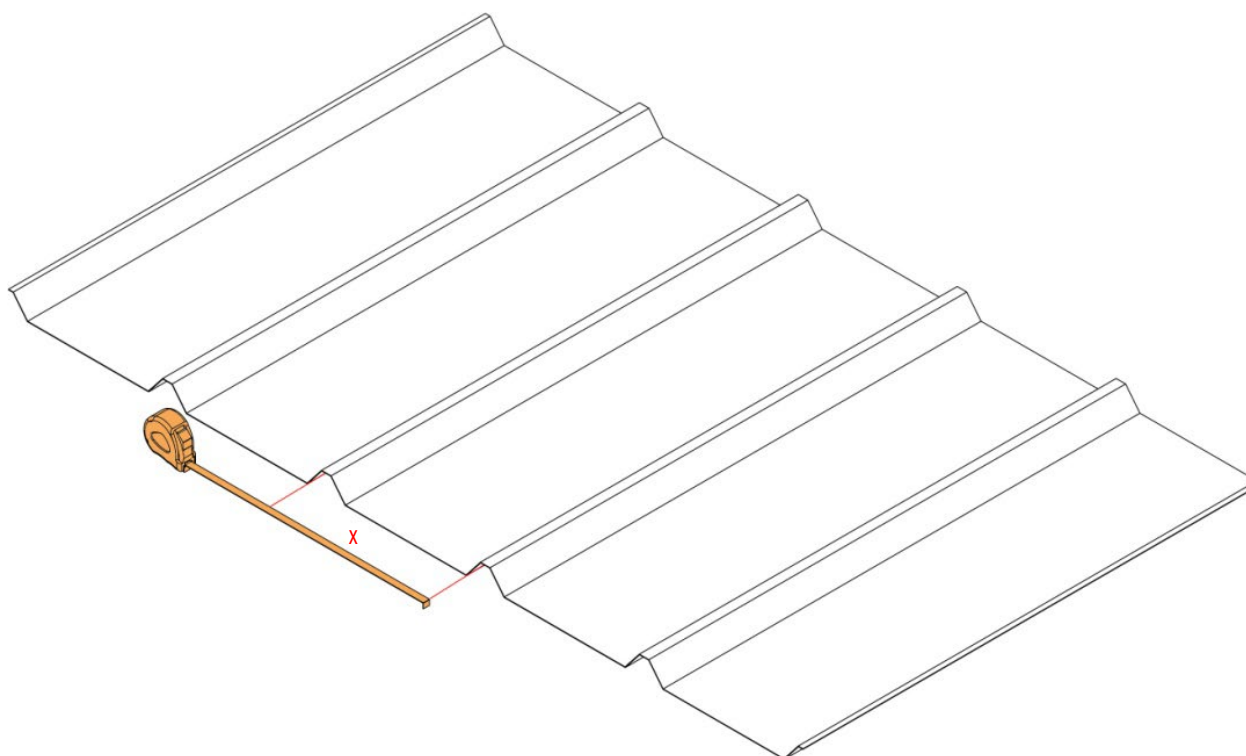
WVAFX1

Fixing kit
Fixing kit
Kit de fijación
Bevestigingskit
Befestigungssatz
Kit di fissaggio
Kit de fixação



WVKVBAC

1





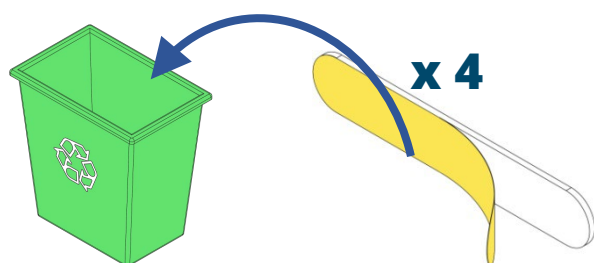
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Support & anchoring point

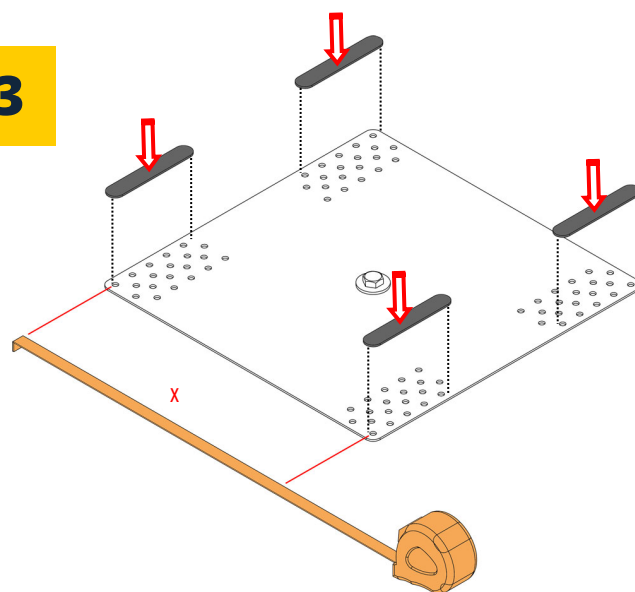
ALTIFIX

WVAFX1

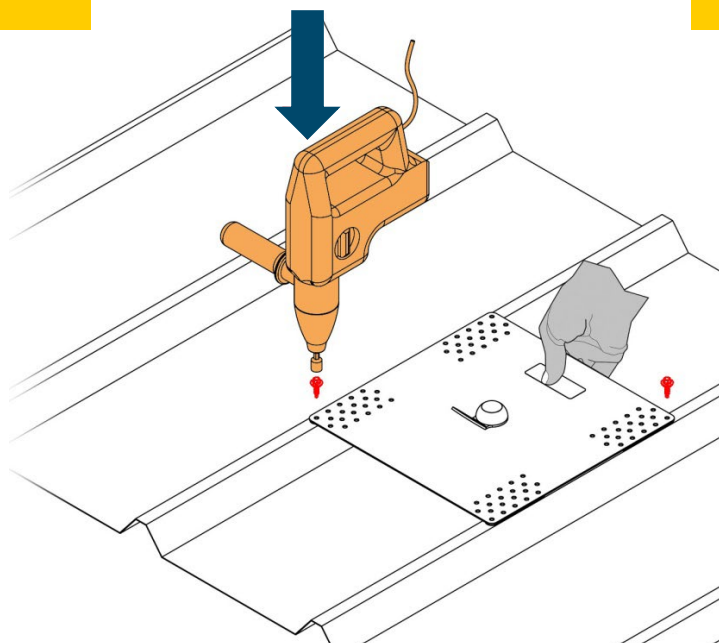
2



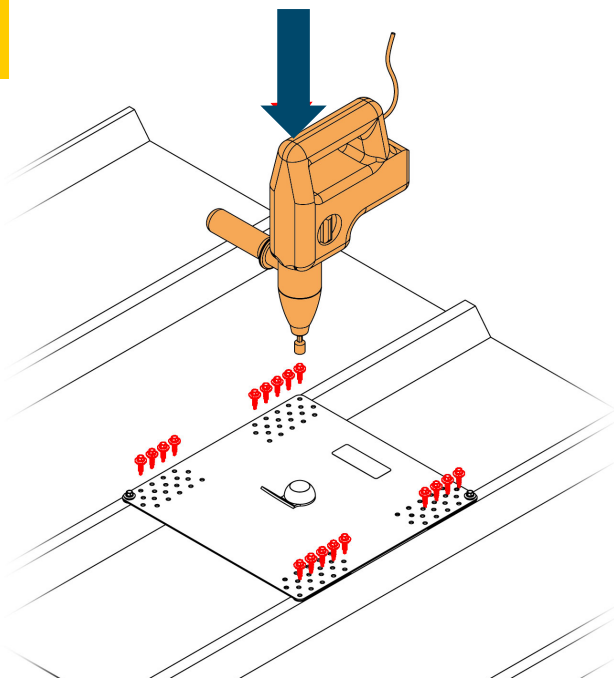
3



4



5



Tighten to the maximum until the screw turns in a vacuum



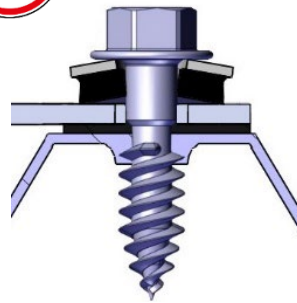
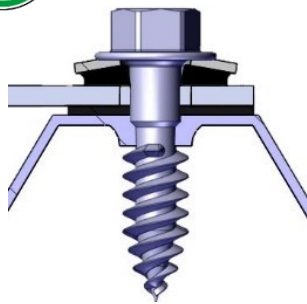
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Support & anchoring point

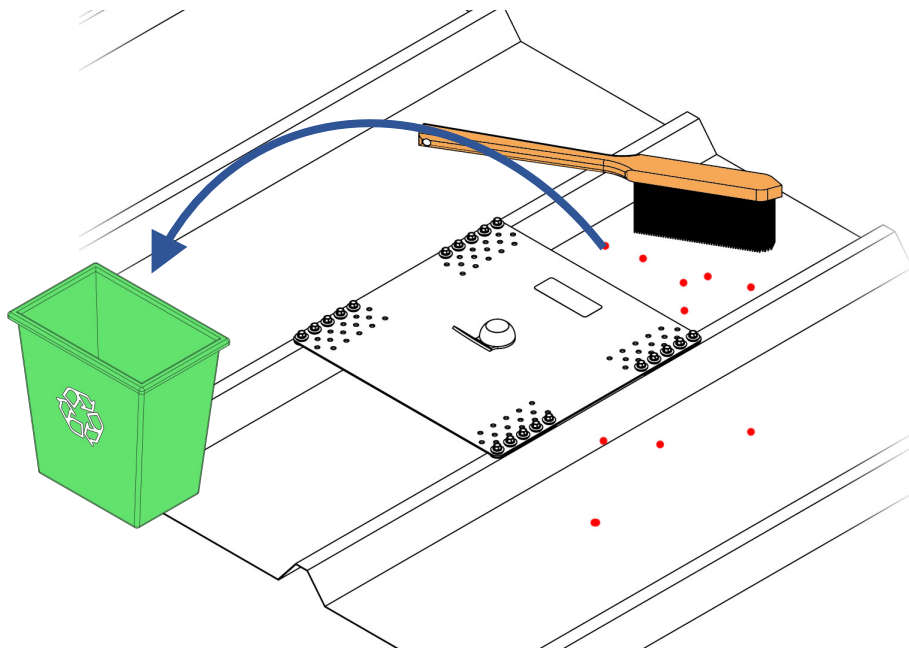
ALTIFIX

WVAFX1

6



7





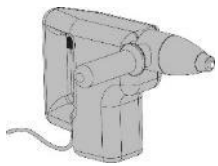
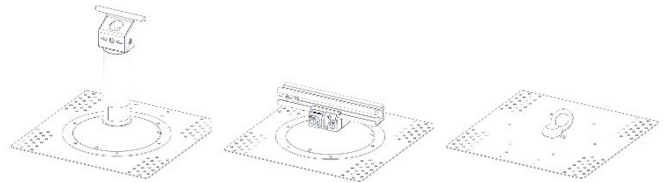
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Support & anchoring point

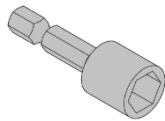
ALTIFIX

WVAFX2FR - WVAFXST - WVAFXBACPA

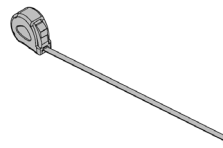
TOOLS & PERSONNEL REQUIRED



1



2



3

x 1



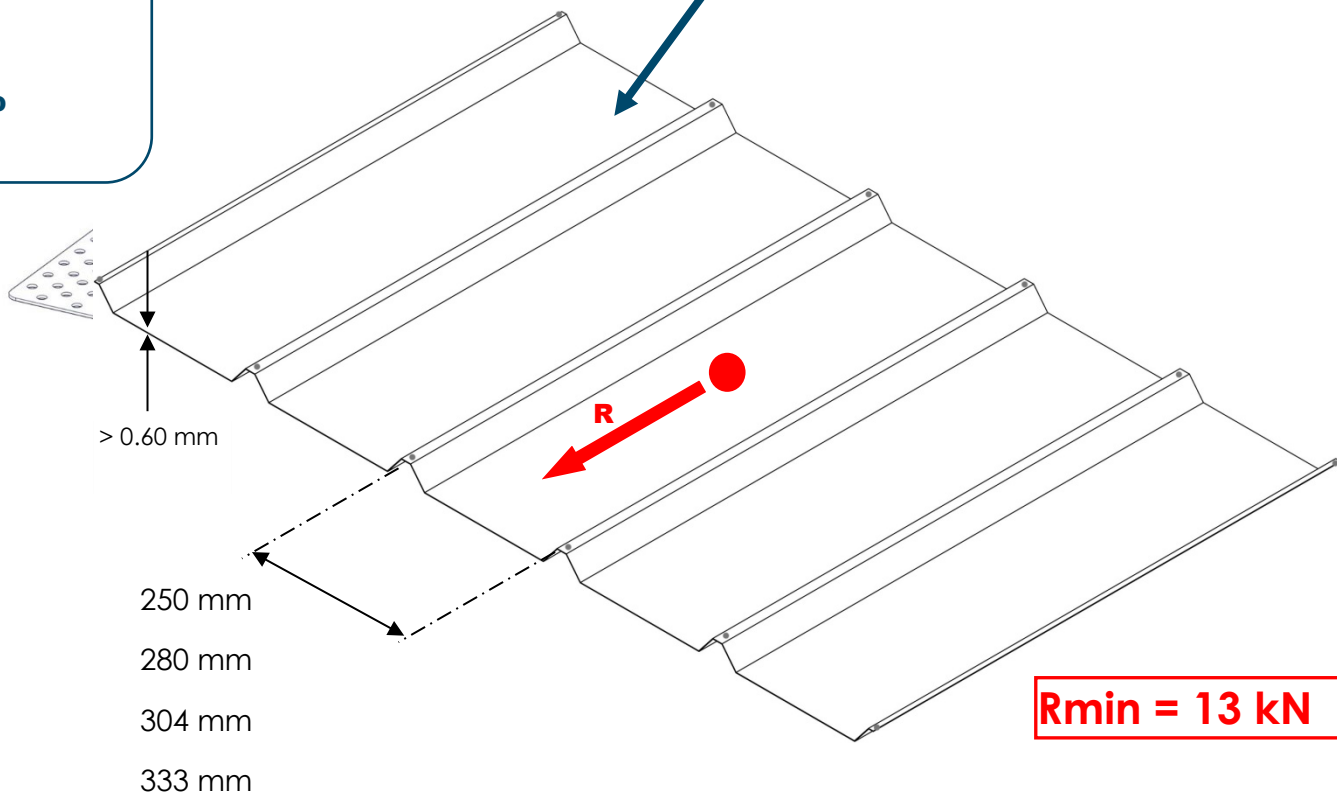
4

Ø8

WVAFX1 - PREREQUISITES

Steel
Steel
Acero
Staal
Stahl
Acciaio
Aço

DTU 40-35





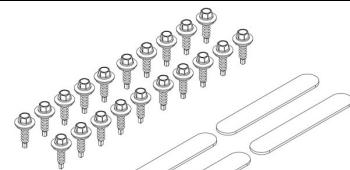
Distributed by

Support & anchoring point

ALTIFIX

WVAFX2FR - WVRAFXST - WVAFXBACPA

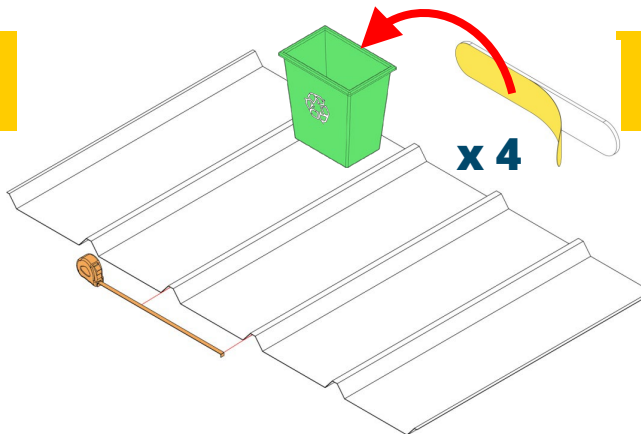
Fixing kit
Fixing kit
Kit de fijación
Bevestigingskit
Befestigungssatz
Kit di fissaggio
Kit de fixação



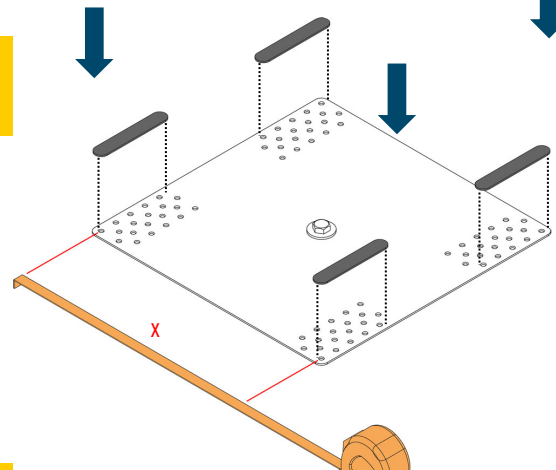
WVKVBAC



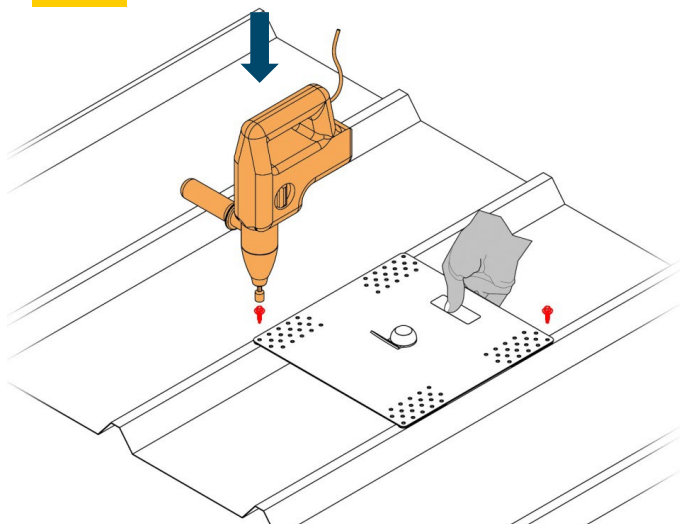
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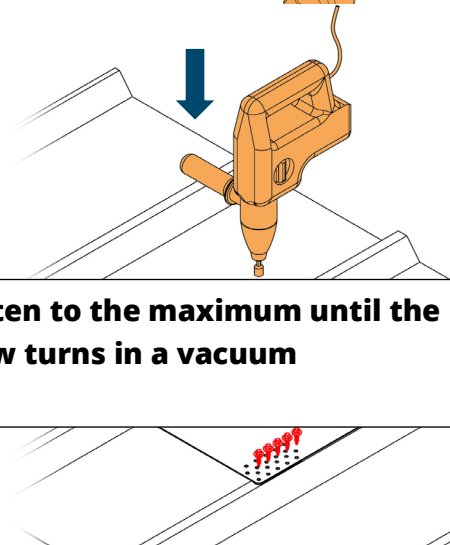
2



4



Tighten to the maximum until the screw turns in a vacuum





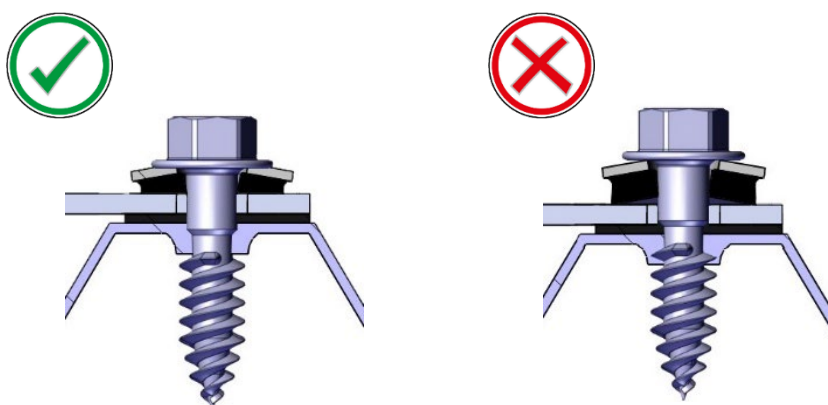
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Support & anchoring point

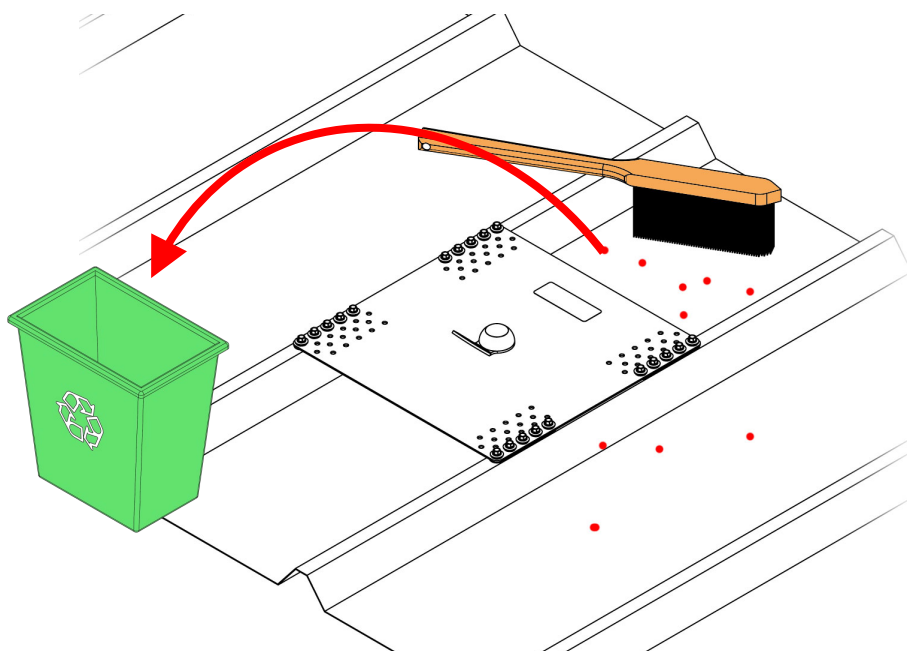
ALTIFIX

WVAFX2FR - WVRAFXST - WVAFXBACPA

5



6





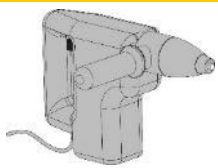
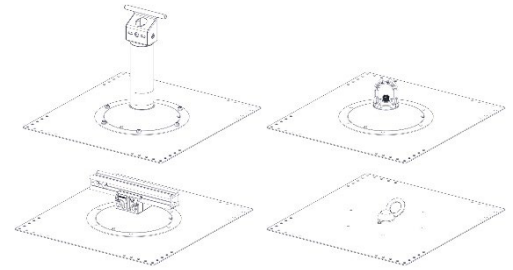
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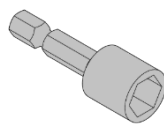
ALTIFIX

WVAFX2ES - WVRAFXSTES - WVAFXBACPAES - WVAFX2ESPA

TOOLS & PERSONNEL REQUIRED

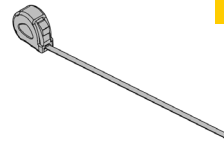


1



2

Ø8



3

x 1



4

WVAFX1 - PREREQUISITES

Steel
Steel
Acero
Staal
Stahl
Acciaio
Aço

DTU 40-35



415/440 mm

> 0.60 mm

415/440 mm

> 0.60 mm



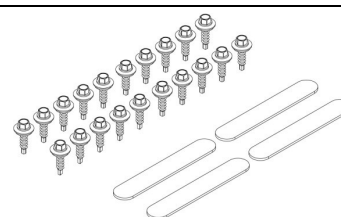
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Support & anchoring point

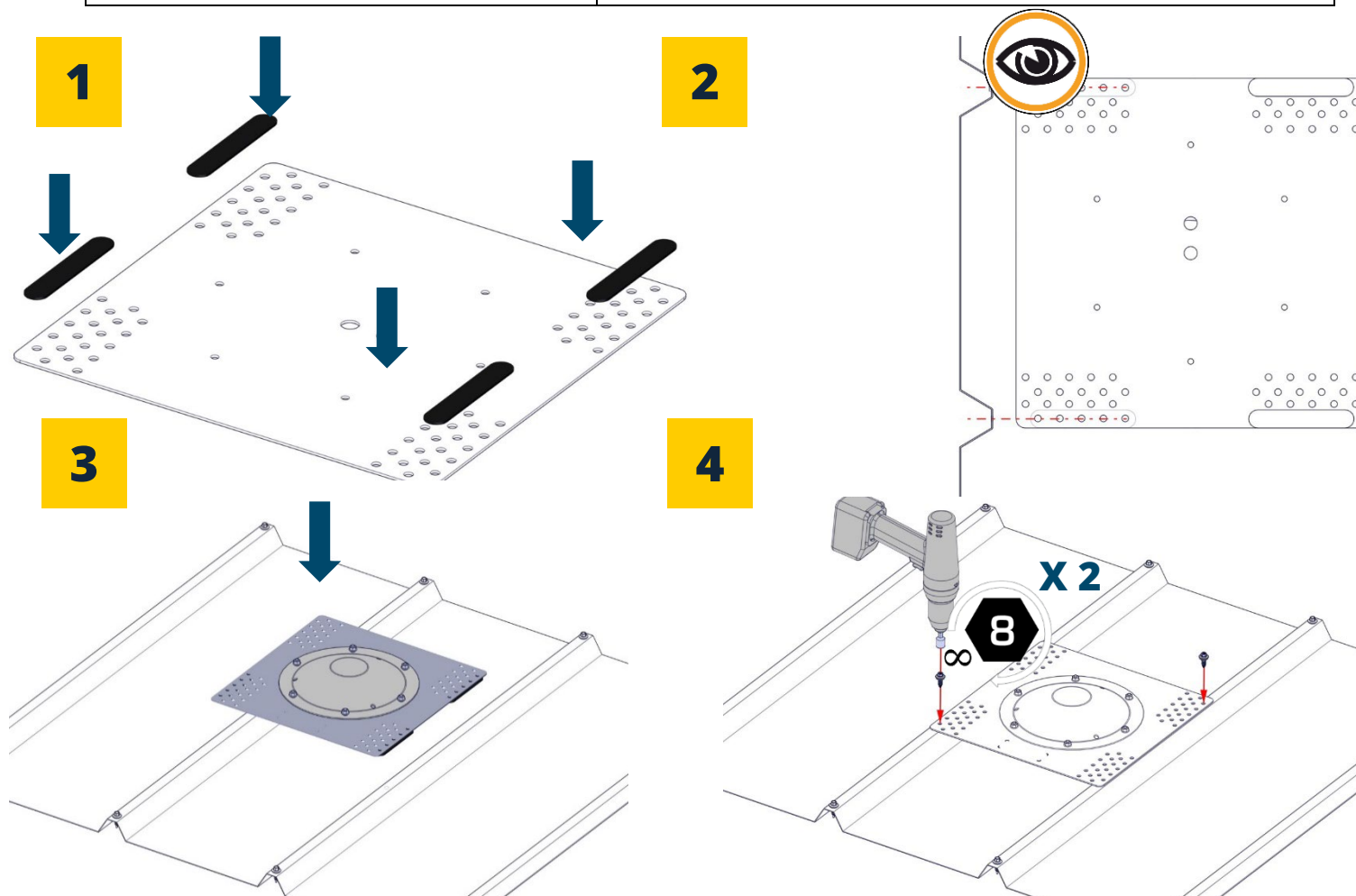
ALTIFIX

WVAFX2ES - WVRAFXSTES - WVAFXBACPAES - WVAFX2ESPA

Fixing kit
Fixing kit
Kit de fijación
Bevestigingskit
Befestigungssatz
Kit di fissaggio
Kit de fixação



WVKVBAC





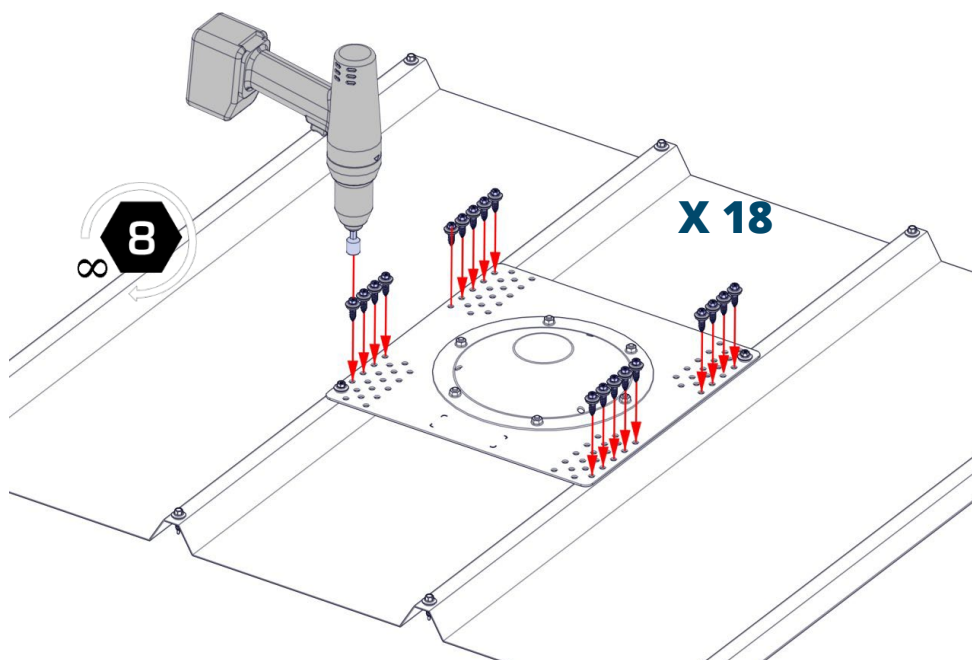
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Support & anchoring point

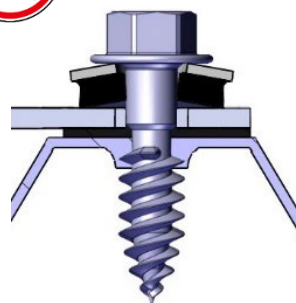
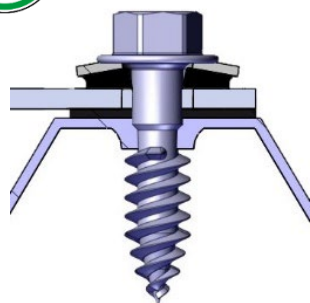
ALTIFIX

WVAFX2ES - WVRAFXSTES - WVAFXBACPAES - WVAFX2ESPA

5



6





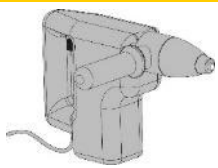
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Support & anchoring point

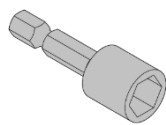
ALTIFIX

WVAFXBACOPA

TOOLS & PERSONNEL REQUIRED

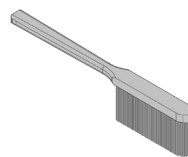


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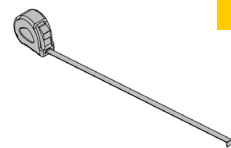


2

Ø8



3



4

x 1



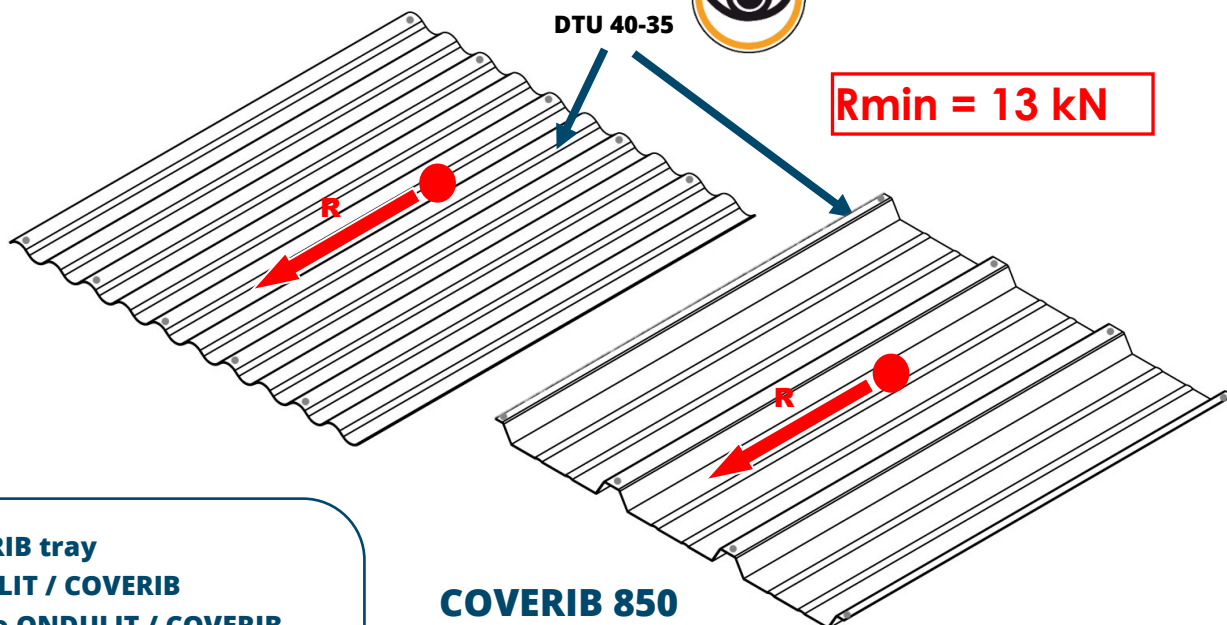
5



DTU 40-35

Rmin = 13 kN

ONDULIT®



ONDULIT / COVERIB tray
Steel deck ONDULIT / COVERIB
Cubierta de acero ONDULIT / COVERIB
Staalplaat dakconstructie ONDULIT / COVERIB
Stahl ONDULIT / COVERIB
Copertura in acciaio ONDULIT / COVERIB
Cobertura aço ONDULIT / COVERIB

COVERIB 850
COVERIB 1000®



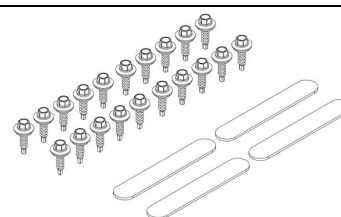
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Support & anchoring point

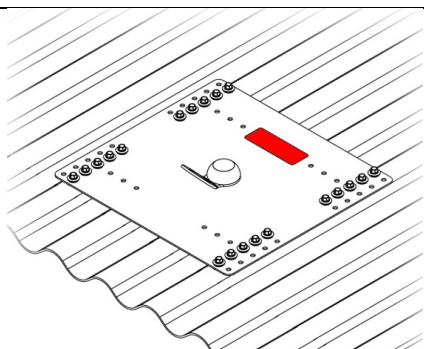
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WVAFXBACOPA

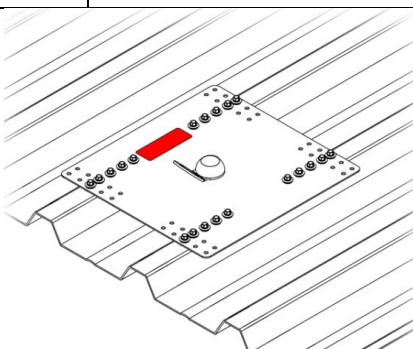
Fixing kit
Fixing kit
Kit de fijación
Bevestigingskit
Befestigungssatz
Kit di fissaggio
Kit de fixação



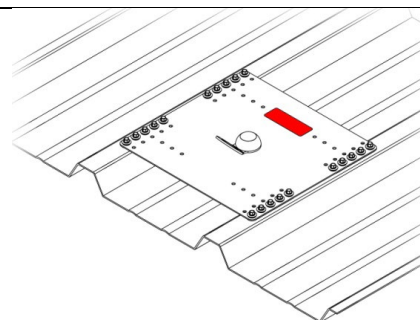
WVKVBAC



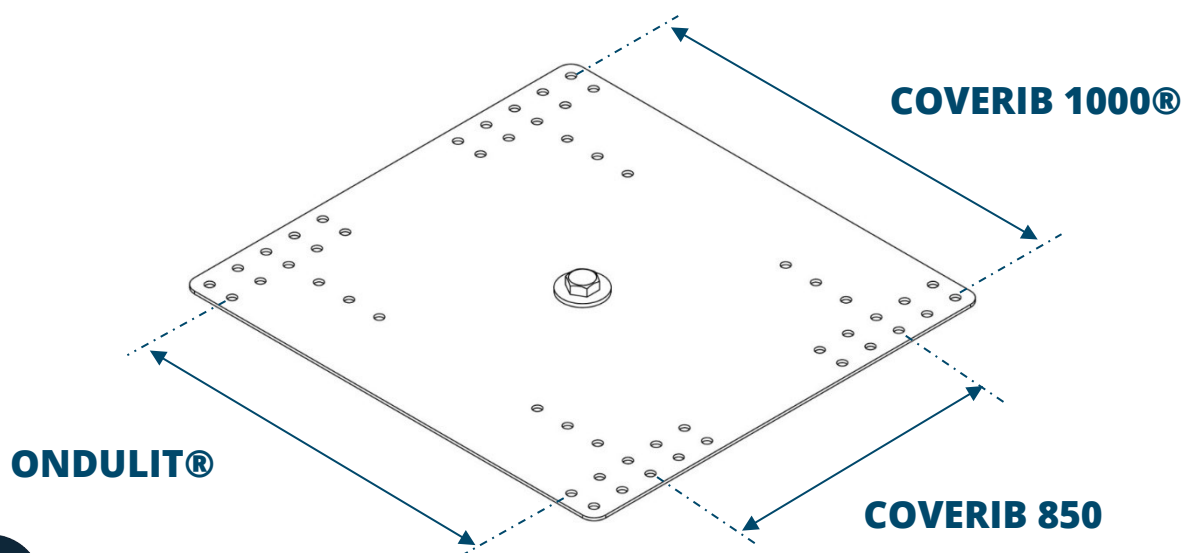
ONDULIT®



COVERIB 850



COVERIB 1000®



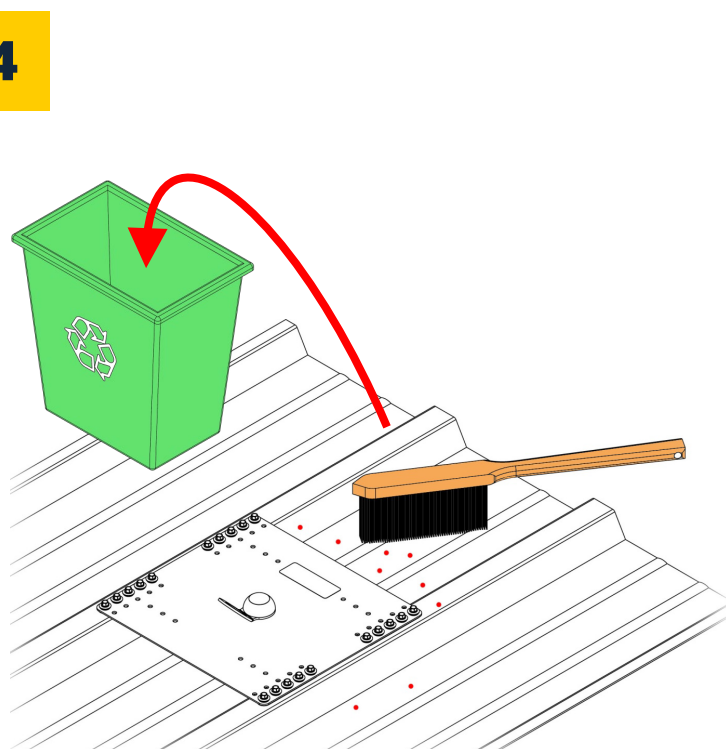
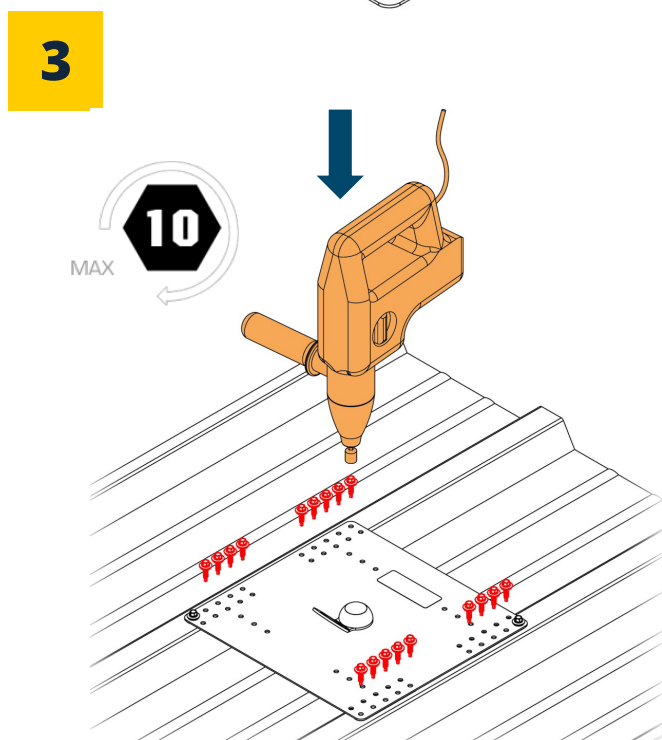
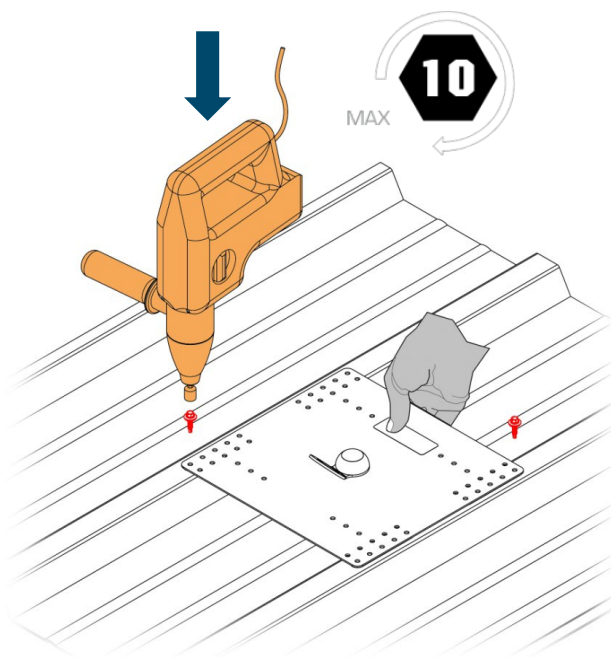
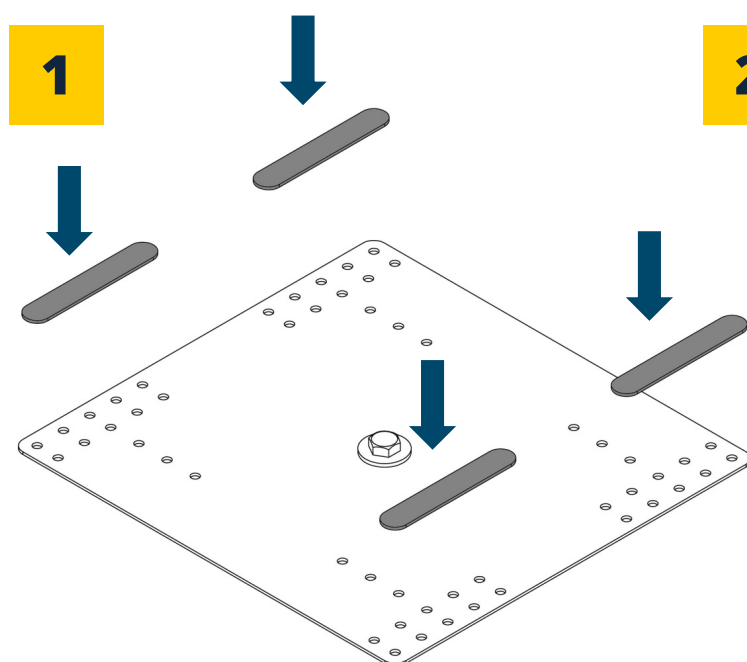


Distributed by

Support & anchoring point

ALTIFIX

WVAFXBACOPA



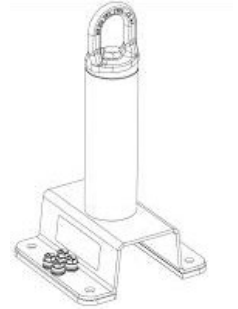


Distributed by

Support & anchoring point

ALTIFIX

ALTIFIX 1 ANCHORING POST



| Product identification | |
|----------------------------|-----------------------------------|
| Manufacturer / Supplier : | Delta Plus Systems |
| Product name / Reference : | Altifix 1 anchoring post - WVAFX1 |
| Normative references : | Standard EN 795 : 1996 Class A1 |

| User identification | | | |
|-----------------------|--|---------------------|--|
| Name : | | Company : | |
| History check | | | |
| Year of manufacture : | | Date of first use : | |
| | | Date of purchase | |

The controller declines all responsibility in the event of inaccuracy in the information concerning the historical verification which must be carried out by the user. The user is obliged to keep the entire history of the periodic examinations and repairs carried out.

| Service life / Disposal |
|---|
| <p>For Delta Plus Systems products, plastics and textiles, the maximum service life is 10 years from the date of manufacture. There is no limit for metal products. CAUTION, an exceptional event may lead you to reject a product after a single use (type and intensity of use, environment of use: aggressive environments, marine environment, sharp edges, extreme temperatures, chemicals, etc.).</p> <p>A product must be scrapped when :</p> <ul style="list-style-type: none"> - It is over 10 years old and made of plastic or textile, except for the seals, which need to be inspected regularly. - He has suffered a serious fall (or strain). - The results of the product checks are not satisfactory. You have doubts about its reliability. - You don't know its full history of use. - When its use is obsolete (changes in legislation, standards, technology or incompatibility with other equipment, etc.). <p>Destroy these products to prevent future use.</p> |



Distributed by

Support & anchoring point

ALTIFIX

Comments

Good

To watch out for

Repaired

To be discarded

| Visual check of components | | | | | |
|---|--|--|--|--|--|
| General condition of the anchoring post (post tripped, deformations, wear, corrosion, etc.) | | | | | |
| Condition of anchor fixings (tightness of cap nuts, corrosion, etc.) | | | | | |
| Condition of the EPDM seals under the stainless steel plate (tightness, cracks, wear, etc.) | | | | | |
| Presence of markings with normative information | | | | | |

| Functional verification of components | | | | | |
|--|--|--|--|--|--|
| Correct location of the anchoring post in relation to the area to be secured | | | | | |
| Anchoring ring rotates correctly (if ring rotates) | | | | | |

Comments :

Inspection verdict

| | |
|--|--|
| The product is <u>fit</u> to remain in service | The product is <u>unfit</u> to remain in service |
|--|--|

Identification and visa of the controller

| | | | |
|---------------------------|--|--|--|
| Name : | | Company | |
| Date of inspection : | | Controller's stamp (Signature / Stamp) : | |
| Date of next inspection : | | | |



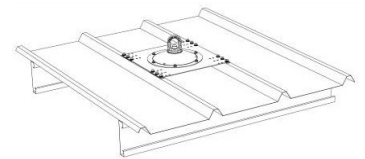
Distributed by

Support & anchoring point

ALTIFIX

ALTIFIX 2 PA ANCHOR

| Product identification | |
|----------------------------|---------------------------------------|
| Manufacturer / Supplier : | Delta Plus Systems |
| Product name / Reference : | ALTIFIX 2 PA swivel anchor - WVAFX2PA |
| Normative references : | Standard EN 795 : 1996 Class A1 |



| User identification | | | |
|-----------------------|--|---------------------|--|
| Name : | | Company : | |
| History check | | | |
| Year of manufacture : | | Date of first use : | |
| | | Date of purchase | |

The controller declines all responsibility in the event of inaccuracy in the information concerning the historical verification which must be carried out by the user. The user is obliged to keep the entire history of the periodic examinations and repairs carried out.

| Service life / Disposal |
|---|
| <p>For Delta Plus Systems products, plastics and textiles, the maximum service life is 10 years from the date of manufacture. There is no limit for metal products. CAUTION, an exceptional event may lead you to reject a product after a single use (type and intensity of use, environment of use: aggressive environments, marine environment, sharp edges, extreme temperatures, chemicals, etc.).</p> <p>A product must be scrapped when :</p> <ul style="list-style-type: none"> - It is over 10 years old and made of plastic or textile, except for the seals, which need to be inspected regularly. - He has suffered a serious fall (or strain). - The results of the product checks are not satisfactory. You have doubts about its reliability. - You don't know its full history of use. - When its use is obsolete (changes in legislation, standards, technology or incompatibility with other equipment, etc.). <p>Destroy these products to prevent future use.</p> |



Distributed by

Support & anchoring point

ALTIFIX

Comments

Good

To watch out for

Repaired

To be discarded

| Visual check of components | | | | | |
|---|--|--|--|--|--|
| General condition of the anchor plate (no bending, no warping, wear, corrosion, etc.) | | | | | |
| Condition of anchor fixings (tightening of cap nuts, corrosion, washer compression, etc.) | | | | | |
| Condition of the EPDM seals under the stainless steel plate (tightness, cracks, wear, etc.) | | | | | |
| Presence of markings with normative information | | | | | |

| Functional verification of components | | | | | |
|---|--|--|--|--|--|
| Correct location of the anchoring point in relation to the area to be secured | | | | | |
| Anchoring ring rotates correctly (if ring rotates) | | | | | |

Comments :

Inspection verdict

| | |
|--|--|
| The product is <u>fit</u> to remain in service | The product is <u>unfit</u> to remain in service |
|--|--|

Identification and visa of the controller

| | | | |
|---------------------------|--|--|--|
| Name : | | Company | |
| Date of inspection : | | Controller's stamp (Signature / Stamp) : | |
| Date of next inspection : | | | |



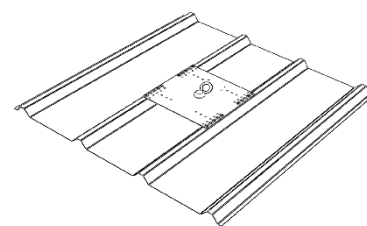
Distributed by

Support & anchoring point

ALTIFIX

ALTIFIX BACO PA ANCHOR

| Product identification | |
|----------------------------|--|
| Manufacturer / Supplier : | Delta Plus Systems |
| Product name / Reference : | ALTIFIX BACO PA anchoring point - WVAFXBACOPA |
| Normative references : | Standard EN 795 : 1996 Class A1 Standard EN 795 : 2012 Class A Standard CEN/TS 16415: 2013 |



| User identification | | | |
|-----------------------|--|---------------------|--|
| Name : | | Company : | |
| History check | | | |
| Year of manufacture : | | Date of first use : | |
| | | Date of purchase | |

The controller declines all responsibility in the event of inaccuracy in the information concerning the historical verification which must be carried out by the user. The user is obliged to keep the entire history of the periodic examinations and repairs carried out.

Service life / Disposal

For Delta Plus Systems products, plastics and textiles, the maximum service life is 10 years from the date of manufacture. There is no limit for metal products. CAUTION, an exceptional event may lead you to reject a product after a single use (type and intensity of use, environment of use: aggressive environments, marine environment, sharp edges, extreme temperatures, chemicals, etc.).

A product must be scrapped when :

- It is over 10 years old and made of plastic or textile, except for the seals, which need to be inspected regularly.
- He has suffered a serious fall (or strain).
- The results of the product checks are not satisfactory. You have doubts about its reliability.
- You don't know its full history of use.
- When its use is obsolete (changes in legislation, standards, technology or incompatibility with other equipment, etc.).

Destroy these products to prevent future use.



Distributed by

Support & anchoring point

ALTIFIX

Comments

Good

To watch out for

Repaired

To be discarded

| Visual check of components | | | | | |
|---|--|--|--|--|--|
| General condition of the anchor plate (plate not bent, plate not warped, wear, corrosion, etc.) | | | | | |
| Presence and condition of the 20 fasteners (tightness, corrosion, compression of the Vulca washer, none torn off, etc.) | | | | | |
| Condition of the EPDM seals under the stainless steel plate (tightness, cracks, wear, etc.) | | | | | |
| Presence of markings with normative information | | | | | |

| Functional verification of components | | | | | |
|---|--|--|--|--|--|
| Correct location of the anchoring point in relation to the area to be secured | | | | | |
| Anchoring ring rotates correctly (if ring rotates) | | | | | |

Comments :

Inspection verdict

| | |
|--|--|
| The product is <u>fit</u> to remain in service | The product is <u>unfit</u> to remain in service |
|--|--|

Identification and visa of the controller

| | | | |
|----------------------|--|--|--|
| Name : | | Company | |
| Date of inspection : | | Controller's stamp (Signature / Stamp) : | |



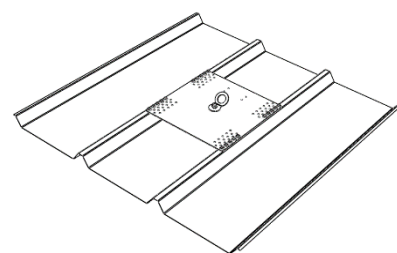
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ALTIFIX

ALTIFIX BACPA ANCHOR

| Product identification | |
|----------------------------|--|
| Manufacturer / Supplier : | Delta Plus Systems |
| Product name / Reference : | ALTIFIX BACPA anchoring point - WVAFXBACPA |
| Normative references : | Standard EN 795 : 1996 Class A1 Standard EN 795 : 2012 Class A Standard CEN/TS 16415: 2013 |



| User identification | | | |
|-----------------------|--|---------------------|--|
| Name : | | Company : | |
| History check | | | |
| Year of manufacture : | | Date of first use : | |
| | | Date of purchase | |

The controller declines all responsibility in the event of inaccuracy in the information concerning the historical verification which must be carried out by the user. The user is obliged to keep the entire history of the periodic examinations and repairs carried out.

| Service life / Disposal |
|---|
| <p>For Delta Plus Systems products, plastics and textiles, the maximum service life is 10 years from the date of manufacture. There is no limit for metal products. CAUTION, an exceptional event may lead you to reject a product after a single use (type and intensity of use, environment of use: aggressive environments, marine environment, sharp edges, extreme temperatures, chemicals, etc.).</p> <p>A product must be scrapped when :</p> <ul style="list-style-type: none"> - It is over 10 years old and made of plastic or textile, except for the seals, which need to be inspected regularly. - He has suffered a serious fall (or strain). - The results of the product checks are not satisfactory. You have doubts about its reliability. - You don't know its full history of use. - When its use is obsolete (changes in legislation, standards, technology or incompatibility with other equipment, etc.). <p>Destroy these products to prevent future use.</p> |



Distributed by

Support & anchoring point

ALTIFIX

Comments

Good

To watch out for

Repaired

To be discarded

| Visual check of components | | | | | |
|---|--|--|--|--|--|
| General condition of the anchoring point (no bent plates, no warped plates, wear, corrosion, etc.) | | | | | |
| Presence and condition of the 20 fasteners (tightness, corrosion, compression of the Vulca washer, none torn off, etc.) | | | | | |
| Condition of the 4 EPDM seals under the stainless steel plate (tightness, cracks, wear, etc.) | | | | | |
| Presence of markings with normative information | | | | | |

| Functional verification of components | | | | | |
|---|--|--|--|--|--|
| Correct location of the anchoring point in relation to the area to be secured | | | | | |
| Anchoring ring rotates correctly (if ring rotates) | | | | | |

Comments :

Inspection verdict

| | |
|--|--|
| The product is <u>fit</u> to remain in service | The product is <u>unfit</u> to remain in service |
|--|--|

Identification and visa of the controller

| | | | |
|----------------------|--|--|--|
| Name : | | Company | |
| Date of inspection : | | Controller's stamp (Signature / Stamp) : | |