



FALZ

DE – ACHTUNG: Die Verwendung des Innotech-Produktes ist erst zulässig nachdem die Gebrauchsanleitung in der jeweiligen Landessprache gelesen wurde. DE

EN – ATTENTION: Use of the Innotech product is only permitted after the instruction manual has been read in the respective national language. EN

IT – ATTENZIONE: L'utilizzo del prodotto Innotech è permesso solo previa lettura del manuale di istruzioni nella lingua del paese corrispondente. IT

FR – ATTENTION : L'utilisation du produit Innotech n'est autorisée qu'après la lecture du mode d'emploi correspondant dans la langue du pays. FR

NL – ATTENTIE: Het gebruik van dit Innotech product is pas toegestaan, nadat de gebruikshandleiding in de taal van het betreffende land gelezen werd. NL

SV – O B S : Denna Innotech-produkt får inte användas, förrän bruksanvisningen på respektive lands språk har lästs igenom. SV

DK – GIV AGT: Det er først tilladt at anvende Innotech-produktet, før end brugsvejledningen på det pågældende lands sprog er læst. DK

ES – ATENCIÓN: El uso del producto Innotech sólo está permitido después de que se hayan leído las instrucciones de uso en el idioma del respectivo país. ES

PT – ATENÇÃO: O uso do produto Innotech apenas é permitido depois de ter lido as instruções de uso na respectiva língua nacional. PT

PL – UWAGA: korzystanie z produktu Innotech jest jedynie dozwolone po przeczytaniu podręcznika w języku narodowym. PL

RO – ATENȚIE: Utilizarea produsului Innotech este autorizată abia după ce au fost citite instrucțiunile originale de utilizare în limba țării respective. RO

SL – POZOR: Uporaba izdelka Innotech je dovoljena šele po tem, ko navodila preberete v svojem jeziku. SL

CZ – POZOR: Práce s výrobkem Innotech je povolena až po prostudování návodu k použití v příslušném jazyce daného státu. CZ

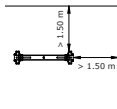
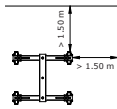
SK – POZOR: Používanie výrobku Innotech je povolené až potom, keď ste si prečítali návod na obsluhu v jazyku príslušnej krajiny. SK

HU – FIGYELEM: Az Innotech termékek használata csak az után engedélyezett, miután saját nyelvén elolvasta a használati utasítást. HU

РУ – ВНИМАНИЕ: Применение изделий Innotech допускается только после прочтения инструкции по эксплуатации на соответствующем языке. РУ

- FALZ should only be installed by specialised/competent experts familiar with the roof safety system and in compliance with the current state of the art.
- You must be familiar with these instructions, as well as with the local safety regulations as a prerequisite for installing and using the system. You must also be physically and mentally fit and trained in the use of PPE (Personal Protective Equipment).
- Medical conditions (cardiovascular problems, intake of medicines, alcohol) can affect the safety of the user when working in high places.
- Adhere to the respective accident prevention regulations (e.g. working on roofs) when installing/using the anchorage device FALZ.
- A plan must be available that specifies rescue procedures for all possible emergencies.
- Before starting the work, you must ensure that no objects can fall to the ground from the work site. The area below the work site (sidewalk, etc.) must be kept clear.
- The fitters must ensure that the ground is suited for fixing the anchorage device. If in doubt consult a structural engineer.
- The anchorage device on the roof is designed for stress in all directions parallel to the installation surface or at right angles to the anchor.
- If uncertainties arise during installation it is imperative that you contact the manufacturer.
- Document the professional fastening of the fall arrest system to the building with clamp logs and photos of each fitting situation.
- Ensure that stainless steel does not come into any contact with swarf or steel tools, as this may lead to corrosion.
- All stainless steel bolts must be greased with a suitable lubricant before installation. (Included: Weicon AntiSeize ASW 10000 or equivalent lubricant)
- You should plan, install and use the anchorage point in such a way that no one can fall over the edge if the personal protective equipment is used properly. (See planning documents at www.innotech-safety.eu)
- When accessing the roof securing system, you must document the positions of the anchorage devices by means of diagrams (e.g. top view of the roof).
- The minimum free space required between the roof edge and the ground is calculated as follows: Manufacturer's specification of the personal safety equipment used + sag of the cable according to table + deflection of the cable + body height + 1 m safety margin.
- Fastening on the FALZ always occurs through the attachment eye with a carabiner and must be used with personal protective equipment in accordance with EN 361 (safety harness) and EN 363 (fall arrest system).

- For horizontal use, only those fasteners may be used that are suited for this purpose and have been tested for the respective edges (sharp edges, sheet with trapezoidal corrugations, steel girder, concrete, etc.).
- There is a hazard when combining individual elements of the specified units, since the safe function of one of the elements can be impaired through the combination (follow the specific instructions provided with each element!).
- Before use, you must visually check the entire fall arrest system (fall prevention system and anchor points (=guide bushes)) for obvious defects (e.g. loose screws, deformations, abrasion, corrosion, defective roof sealing, etc.). If there are any doubts concerning the safe function of the restraint system, it must be inspected by an expert (written documentation).
- At least once a year, an expert must check the complete safety device including the personal protective equipment used. The inspection by an expert must be documented in the provided test log.
- After a fall and the resulting strain, you must stop using the restraint system and have it checked by an expert (component parts, fastening to the substrate, etc.).
- FALZ was developed for personal safety and may not be used for other purposes. Never attach undefined loads to the restraint system.
- Do not use safety systems if wind speeds exceed normal parameters.
- Following strong storms, inspect the tin roof (substrate) before continuing to use the safety system.
- Do not make any changes to the enabled anchorage device.
- When installed in snowy areas, the fall arrest system must be mounted close to the ridge as specified in the planning guidelines.
- If used on sloping roofs, roof avalanches (ice, snow) must be avoided by means of suitable devices to intercept snow.
- If you provide the safety system to external contractors, the familiarity with the instructions for installation and use must be confirmed in writing.
- INNOTECH FALZ can be used as an end, corner or intermediate anchor in systems that are in accordance with EN 795:2012 TYPE C and be subjected to a maximum force of 12 kN.
- For reasons of statics, you must maintain a margin of at least 1.50 m to the end of the roof deck.



2

FALZ-15 APPLICATION

Approved as an **anchorage point (EAP)** on a flat or inclined roof for **3 people** (including 1 person for first-aid administration).

Suitable for the following fall protection systems in accordance with EN 363:2008

- Restraint systems
- Workplace positioning systems
- Fall arrest systems
- Rescue systems

Safe application requires that you observe the corresponding specifications provided by the PPE manufacturers.

2

FALZ-45 APPLICATION

Approved as an **anchorage point** on a flat or inclined roof **for end and corner points as well as intermediate cable brackets** (not included) **as part of the INNOTECH horizontal lifeline system in accordance with EN 795:2012 TYPE C.**

Suitable for the following fall protection systems in accordance with EN 363:2008

- Restraint systems
- Workplace positioning systems
- Fall arrest systems
- Rescue systems

Safe application requires that you observe the corresponding specifications provided by the PPE manufacturers.

Approved as an **anchorage point** on a flat or inclined roof **for "INNOTECH SPAR-10"**. Corresponding identification provided, also suitable for belaying:

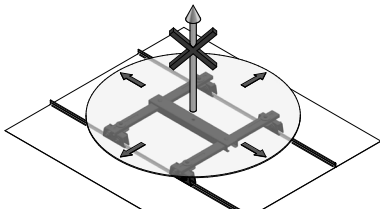
- Rope access systems (EN 363:2008)

3

LOAD DIRECTIONS

When installing/using the fall prevention system, pay attention to the approved load directions!

Loads in "X" direction are not permitted!



INNOTECH FALZ has been tested and certified for installation on roofs in accordance with **EN 795:2012 TYPE A**.

INNOTECH FALZ can be used as an end, corner or intermediate anchor in systems that are in accordance with **EN 795:2012 TYPE C** and be subjected to a maximum force of 12 kN.

The inspection was executed both statically and dynamically on the original substrate.

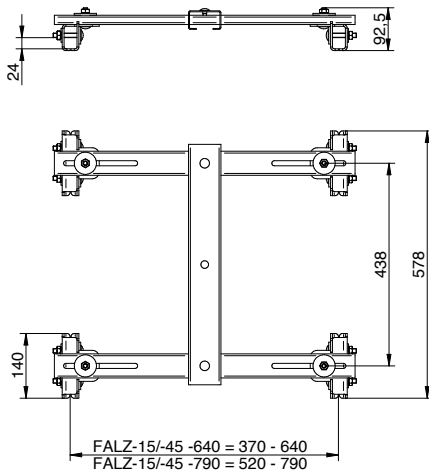
MATERIAL

5

FALZ is made of stainless steel, quality 1.4301

DIMENSIONS

6



The basic prerequisite is a standing seam roof laid in accordance with applicable standards/rules (sheet metal thickness ≥ 0.6 mm and made of aluminium, titanium zinc, copper or galvanised and corrosion resistant steel), a static load-bearing subconstruction, and the use of original fasteners that are suitable for the roof profile. When using coated sheet metal, ensure that the coating is not damaged in the installation process.

8 FALZ-15 SIGNS & MARKINGS

Type designation:

INNOTECH FALZ-15-640

Numbers of the applicable standards:

INNOTECH FALZ-15-790

Name or logo of the manufacturer/reseller:

EN 795:2012 TYPE A

Year of manufacture and manufacturer's serial number:

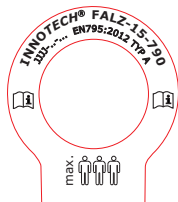
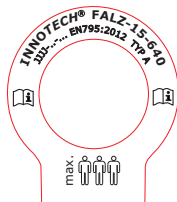
INNOTECH

Maximum number of people who will be secured:

20xx | xx/xxxxx

3 (including 1 person for first-aid administration)

Signs stating that the instructions specified in the manual must be followed:



DEVELOPMENT & SALES:

INNOTECH Arbeitsschutz GmbH, Laizing 10, 4656 Kirchham/Austria.

www.innotech-safety.eu

THE NOTIFIED AUTHORITY PARTICIPATING IN THE TYPE TEST:

DEKRA EXAM GmbH, Dinnendahlstr. 9, 44809 Bochum,

The type test was performed in accordance with EN 795:2012

Type designation:

Numbers of the applicable standards:

Name or logo of the manufacturer/reseller:

Year of manufacture and manufacturer's serial number:

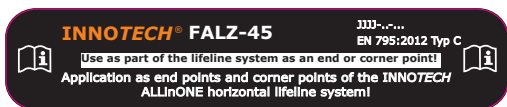
Signs stating that the instructions specified in the manual must be followed:

Note:

INNOTECH FALZ-45
EN 795:2012 TYPE C
INNOTECH
20xx | xx/xxxxx



Use as part of the lifeline system as an end or corner point!



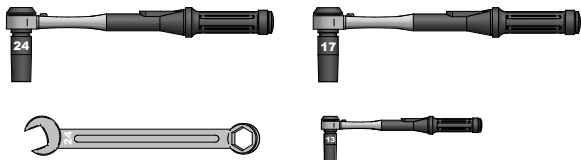
DEVELOPMENT & SALES:

INNOTECH Arbeitsschutz GmbH, Laizing 10, 4656 Kirchham/Austria.
www.innotech-safety.eu

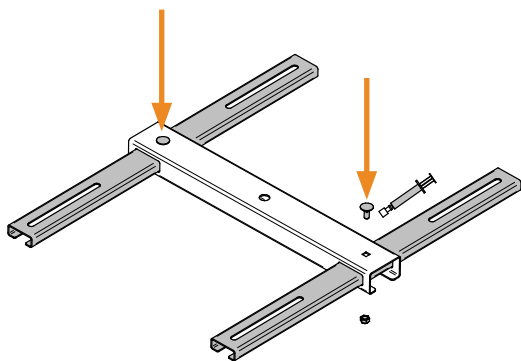
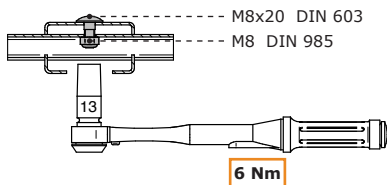
THE NOTIFIED AUTHORITY PARTICIPATING IN THE TYPE TEST:

DEKRA EXAM GmbH, Dinnendahlstr. 9, 44809 Bochum,
The type test was performed in accordance with EN 795:2012

Tools required for installation:

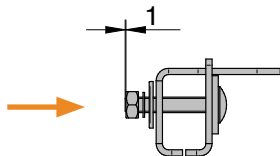
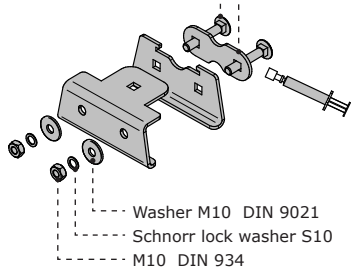


1. INSTALLATION OF THE SIDE BEAMS



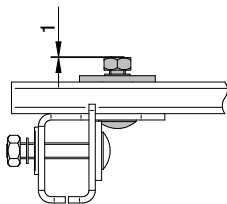
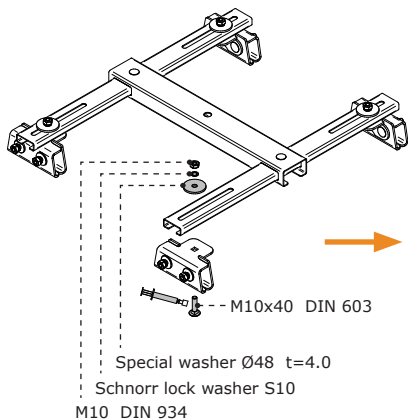
2. PRE-ASSEMBLY OF THE CLAMPS (Do not tighten the screws)

Reinforcement plate
M10x60 DIN 603

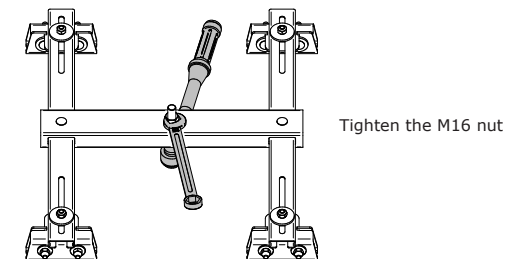
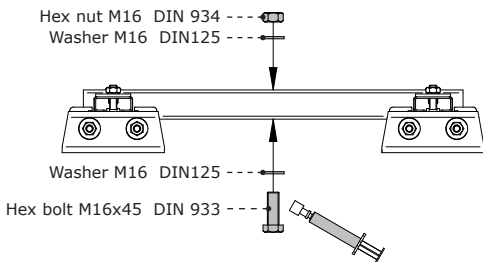
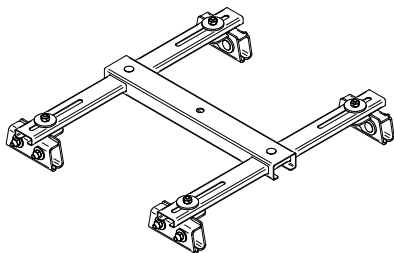


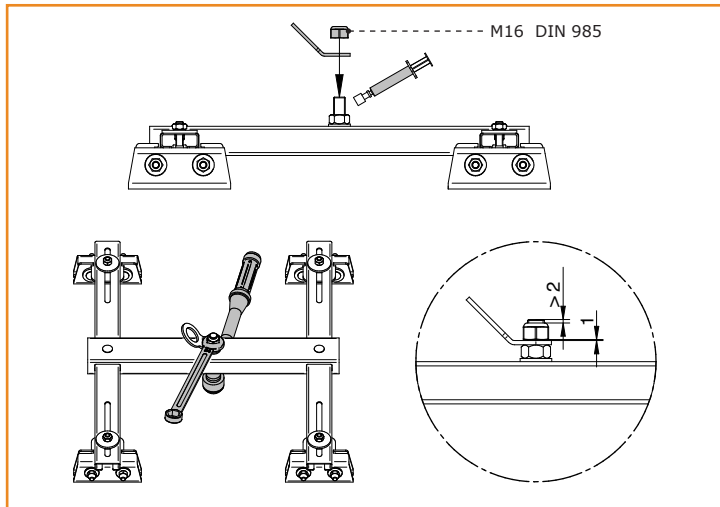
3. FASTENING THE CLAMPS ON THE SIDE BEAM (Do not tighten the screws)

(Do not tighten the screws)



4. FASTENING THE ATTACHMENT EYE (FALZ-15):





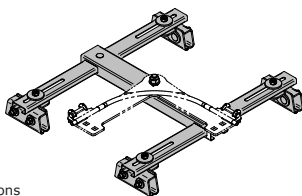
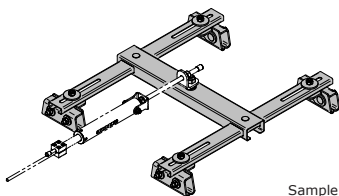
Only valid for trained, expert, specialised companies! (EN795 TYPE C)

FALZ-45 MONTAGE

9

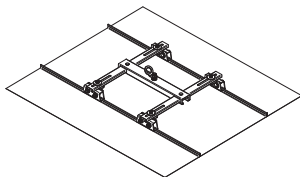
4. INNOTECH FALZ-45 is used as an anchorage point for **end and corner points as well as intermediate cable brackets** (not included) as part of the INNOTECH horizontal lifeline system in accordance with EN 795:2012 TYPE C. As on FALZ-15 systems, these are installed **instead of the attachment eye!**

THE MAXIMUM SPACING OF THE INTERMEDIATE CABLE BRACKETS IS 7.5 m.



Sample applications

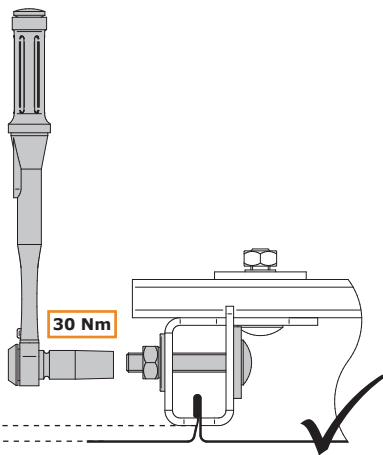
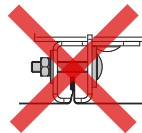
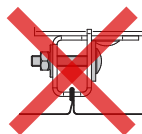
5. POSITIONING ON THE ROOF:



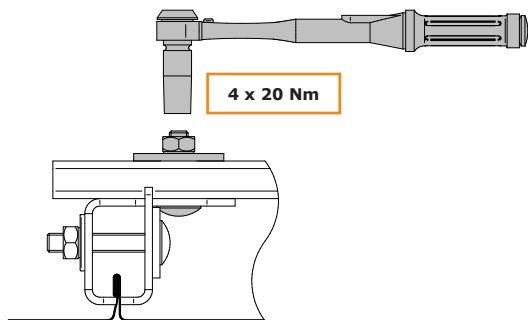
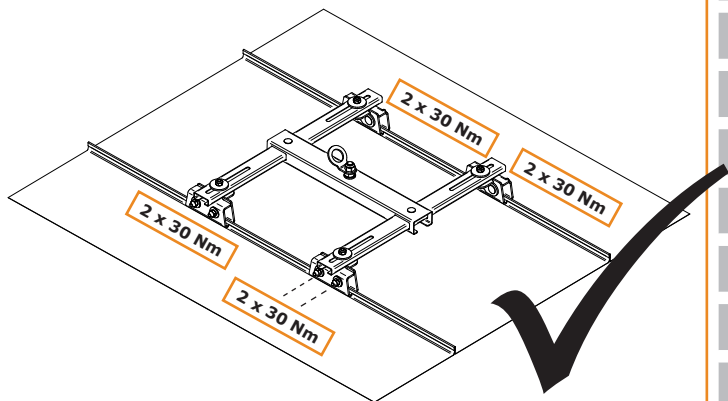
Attention: Do not clamp to the slide support of the standing seam roof !!

6. FASTENING THE CLAMPS ON THE STANDING SEAM ROOF:

The clamps must overlap the standing seam and there must be at least 5 mm clearance to the metal roof. **OBSERVE THE TIGHTENING TORQUE! 30 Nm**



Maintain maximum distance! Install the clamp directly under the seam!

7. FASTENING THE CLAMPS ON THE SIDE BEAM:**8. FINISHED!**

Strictly adhere to the instructions for the INNOTECH Falz that are provided on the preceding pages!

APPLICATION:

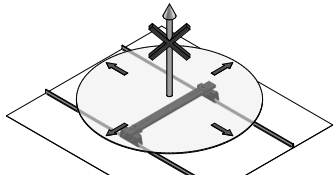
Optional **anchorage point** on a flat or inclined roof **for intermediate cable brackets** (not included) **as part of the INNOTECH horizontal lifeline system** in accordance with **EN 795:2012 TYPE C**.

Suitable for the following fall protection systems in accordance with EN 363:2008

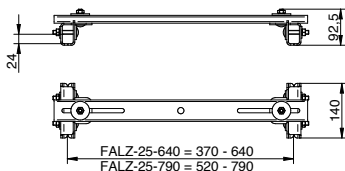
- Restraint systems
- Workplace positioning systems
- Fall arrest systems
- Rescue systems

Safe application requires that you observe the corresponding specifications provided by the PPE manufacturers.

LOAD DIRECTIONS:



DIMENSIONS:

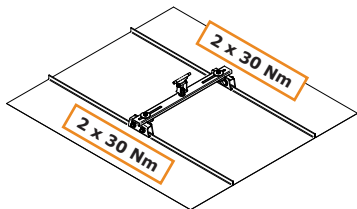
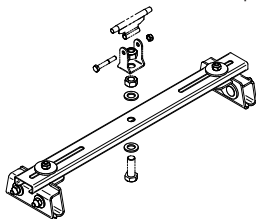


MATERIAL:

FALZ is made of stainless steel, quality 1.4301

INSTALLATION:

ATTENTION Do not use as end point or corner point!



The maximum spacing of the intermediate cable brackets is 7.5 m.

OTHER NOTES:

EN

PROJECT:	
PRODUCT:	UNITS:
SERIAL NO.	
CLIENT:	
NAME / COMPANY / ADDRESS:	
CONTRACTOR:	
NAME / COMPANY / ADDRESS:	
INSTALLATION:	
NAME / COMPANY / ADDRESS:	
<p>Client accepts the performances of the contractor. The instructions for installation and use, clamp log, photo documentation and test sheets have been transferred to the client (building owner) and have been made available to the user. When accessing the roof securing system, you must document the positions of the anchorage devices by means of diagrams (e.g. top view of the roof).</p> <p>The expert fitter familiar with the safety system confirms that the installation work has been executed properly, in accordance with the state of the art, and in accordance with the manufacturer's instructions for installation and use. The safety specifications for reliability are confirmed by the installation company.</p>	
COMMENTS:	

Date:	Location:	Tightening torque: [Nm]	Photos: (File names)

The undersigned installation company warrants that the processing is in order.
(Edge distances, inspection of the substrate, etc.)

Substrate (Roof manufacturer, profile, material, sheet metal thickness, etc.): _____

OPTIONAL: when setting up a horizontal lifeline system in accordance with
EN 795:2012 TYPE C

Installation of the anchorage points by: _____

Installation of cable system by: _____

Client: _____
NAME

Fitter: _____
NAME

DATE, SIGNATURE

DATE, SIGNATURE

INSTRUCTIONS FOR THE SAFETY SYSTEM

The building owner must affix this notice in a conspicuous location near the access to the system!

This system must be used in accordance with the state of the art and in accordance with the instructions for installation and use.



THE STORAGE LOCATION FOR THE INSTRUCTIONS FOR INSTALLATION AND USE, INSPECTION LOGS, ETC. IS:

The maximum limit values of the anchorage devices are provided in the respective instructions for installation and use or the rating plate of your system.
If there is strain caused by fall, or if in doubt, the anchorage device must be taken out of service immediately and sent to the manufacturer, or to a specialised workshop for inspection and repair.
The same applies if there is damage to the anchorage equipment.

OVERVIEW DIAGRAM SHOWING THE POSITION OF THE ANCHORAGE DEVICE:

Draw in the areas where there is a break-through hazard (e.g. light domes or /and roof lights)!

VIEW OF THE RESTRAINT SYSTEM

INSPECTION LOG I

PROJECT:

PRODUCT:

SERIAL NO.:

ANNUAL SYSTEM INSPECTION executed on:

NEXT INSPECTION NO LATER THAN:

INSPECTION POINTS checked and in order
DEFECTS DETECTED
 (Description of defects / measures)

DOCUMENTATION:

- Instructions for installation and use
- Acceptance log
- Clamp logs / photo documentation

PPE (Personal protective equipment against falling):
Inspection in accordance with manufacturer's specifications

- Expiration date
- Annual inspection performed
- Not checked (no authorization)

VISIBLE PARTS OF THE ANCHORAGE DEVICE:

- No deformation
- The attachment eye can rotate

<input type="checkbox"/> No corrosion	
<input type="checkbox"/> Threaded joints secured	
<input type="checkbox"/> Tightening torque of the fastening bolts	
<input type="checkbox"/> Firm seat	
<input type="checkbox"/>	
ROOF SEALING:	
<input type="checkbox"/> No damage	
<input type="checkbox"/> No corrosion	
<input type="checkbox"/>	
HORIZONTAL LIFELINE SYSTEM:	
Attention:	
Strictly ensure that the supplemental TEST LOG II (copy template in the installation instructions/user copy) is filled out!	
Acceptance result:	
The safety system corresponds to the specifications in the manufacturer's instructions for installation and use and the state of the art. Technical safety reliability is confirmed.	
Comment:.....	
Expert who is familiar with the safety system:	
Name:	SIGNATURE:

INNOTECH Arbeitsschutz GmbH, Laizing 10, 4656 Kirchham / Austria.

www.innotech-safety.eu

