

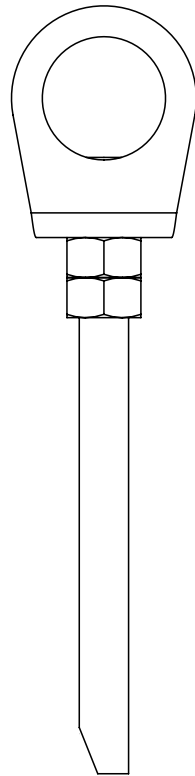


Instructions for installation and use  
Read the product description carefully



# GREEN

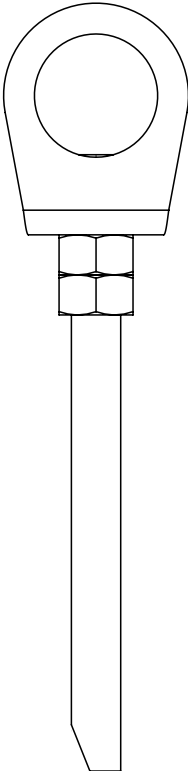
## INTERNATIONAL



**GREEN LIGHT**

ENGLISH

DE	ACHTUNG		Die Montage und die Verwendung der Sicherungseinrichtung ist erst zulässig, nachdem der Monteur und der Anwender die Original Aufbau- und Verwendungsanleitung in der jeweiligen Landessprache gelesen hat.
EN	ATTENTION		Assembling and using of the safety product is only allowed after the assembler and user read the original installation and application instruction in his national language.
FR	ATTENTION		Le montage et l'utilisation du dispositif de sécurité ne sont autorisés qu'après lecture par le monteur et par l'utilisateur de la notice d'origine de montage et d'utilisation dans la langue du pays concerné.
IT	ATTENZIONE		Il montaggio e l'uso del dispositivo di sicurezza è ammesso soltanto dopo che il montatore e l'utente hanno letto le istruzioni per l'installazione e l'uso nella rispettiva lingua nazionale.
ES	ATENCIÓN		No está permitido montar ni usar el dispositivo de protección antes de que el montador y el usuario hayan leído las instrucciones de montaje y uso originales en la lengua del respectivo país.
PT	ATENÇÃO		A montagem e o emprego do mecanismo de proteção somente serão permitidos, após o montador e o usuário terem lido as instruções de uso originais, no respectivo idioma do país, sobre a montagem e o emprego do
NL	ATTENTIE		De montage en het gebruik van de veiligheidsinrichting is pas toegestaan, nadat de monteur en de gebruiker de originele montage en gebruikershandleiding in de desbetreffende taal gelezen hebben.
HU	FIGYELEM		A biztonsági berendezés felszerelése és használata csak az után megengedett, miután a szerelést végző és a használó személyek a nemzeti nyelvükre lefordított, eredeti használati utasítást elolvasták és megértették.
SL	POZOR		Montaža in uporaba varnostnih naprav je dovoljena šele takrat, ko sta monter in uporabnik prebrala originalna navodila za montažo in uporabo v konkretnem jeziku.
CZ	POZOR		Montáž a používání zabezpečovacího zařízení jsou povoleny až poté, co si pracovníci provádějící montáž a uživatelé přečetli v příslušném jazyce originální návod k montáži a používání.
TR	DİKKAT		Güvenlik tertibatının montajına ve kullanımına, ancak montaj teknisyeni ve kullanıcı, orijinal kurulum ve kullanma talimatını kendi ülke dilinde okuduktan sonra, izin verilir.
NO	OBS		Monteringen og anvendelsen av sikkerhetsinnretningene er gyldige først etter at montøren og brukeren har lest den originale oppbygnings- og bruksanvisningen i det tilsvarende landets språk.
SV	OBS		Säkerhetsanordningen får inte monteras och användas förrän montören och användaren har läst igenom konstruktionsbeskrivningen och bruksanvisningen i original på resp lands språk.
FI	HUOMIO		Turvallitteiden asennus ja käyttö on sallittu vasta, kun asentaja ja käyttäjä ovat lukeneet alkuperäisen asennus- ja käyttöohjeen omalla kielellään.
DA	GIV AGT		Montagen og brugen af sikkerhedsudstyret er først tilladt, efter at montøren og brugeren har læst den originale vejledning i samling og brug på det pågældende lands sprog.



PROJECT DATA

SYSTEM DESCRIPTION

INSTALLATION FIRM

---

## Table of Contents

1. General Safety Instructions	5
1.1. Inspection before each use	5
1.2. Compatible equipment	5
2. Safety requirements for installation	7
2.1. Marking & standards	7
3. "GREEN LIGHT" Technical Data	7
4. Mounting of attachment point (360° - swivel column) GREEN LIGHT	8
5. Marking	8
6. Cleaning	9
7. Product description	10
8. GREEN "LIGHT" Minimum installation surface requirements	10
9. Components	11
10. Camber factor/positioning of the anchorage devices (system supports)	12
11. Fastening the anchorage device	13
12. Installation sketch 1: Mortar with concrete	14
13. Fastening the anchorage device	15
14. Installation protocol	17
15. "GREEN LIGHT" fastening element	18
16. Control chart	19

## 1. General safety instructions

---

- These safety instructions must be carefully studied and followed before using or installing the anchorage device!
- The users of the anchorage system must have read and understood these safety instructions before they use it and adhere to the manufacturer's instructions.
- If the anchorage system is sold in countries where another language is spoken, the dealer must ensure that the safety instructions and the installation instructions for the anchorage system are supplied in the respective national language.
- No structural changes may be made to an anchorage system without the express written approval of the manufacturer: GREEN International Absturzsicherungs GmbH
- Modifications impair the effectiveness of the anchorage system and thus the safety of the users.

### 1.1. Inspection before each use

---

- Before use, the entire anchorage device must be visually inspected for obvious defects (e.g. loose screw connections, deformations, wear, corrosion, defective roof surfaces, legibility of the marking etc.).
- If there are doubts about the safe function of the anchorage system, the anchorage system must not be used and must be checked by a qualified specialist with written documentation.
- A rescue plan must be in place, taking into account all possible emergencies at work.
- Measures must be taken prior to starting work to prevent any objects from falling down from the work site. The area below the work site must be kept free.
- The substrate (e.g. sheet metal roof) must be checked for obvious defects (e.g. cracks) before using the anchorage device.
- An anchorage device must not be used for wind speeds exceeding the usual range.

### 1.2. Compatible equipment

---

- Personal protective equipment against falls from a height must be provided for the use of the anchorage system (PPE) in accordance with EN 361 (safety harnesses), EN 362 (fasteners) and EN 363 fall arrest system, force-absorbing shock absorber EN 355 (max. 6kN) with EN 354 connection means.
- By combining individual elements of the PPE, dangers can arise which impair the safe functioning of the system. It must therefore be ensured that the equipment assembled in a system is compatible with each other. The instructions for use of the PPE used in each case must be observed!
- Warning: For horizontal use, only connection devices that are suitable for this purpose and tested for the corresponding edge design (sharp edges, trapezoidal sheet metal, steel beam, concrete, etc.) may be used.
- In the case of a restraint system with a rope shortener, the fastener must be set in such a way that a fall during use is ruled out. GREEN International Absturzsicherungs GmbH accepts no liability in the event of non-observance!
- The anchorage system may only be used by persons who are familiar with the operating instructions and the local safety regulations, who are physically or mentally healthy and trained in PPE (personal protective equipment).
- Children and pregnant women should not use the safety system.
- Health concerns (e.g. taking medication, alcohol abuse, cardiovascular problems) can adversely affect the user's safety when working at height.
- During installation/use of the anchorage system, the applicable accident prevention regulations must be observed and complied with.
- Before using the anchorage system, the rescue measures to be initiated in all possible types of emergencies must be specified.
- The anchorage device is designed for loads in all directions parallel to the mounting surface or at right angles to the support. In the event of a fall, the forces introduced into the fixing base by the anchorage device can amount to 9 kN at the anchorage point.
- When accessing the roof safety system, the positions of the anchorage devices are to be documented by plans (e.g. a sketch of the roof-top view).

- The anchorage system should be planned, installed and used in such a way that it cannot fall over the edge of the barrier when used properly and with personal protective equipment.
- In the event of a fall of a person secured to the anchorage device, the resulting deformation of the anchorage device (max. 700 mm, depending on the support height) must be taken into account for the fall-arresting distance (displacement of the safety harness on the body, tearing open of the fall absorber and extension of the rope).
- Children and pregnant women may not use the anchorage device.
- The required minimum clearance under the edge of the fall to the ground is calculated from
  - + manufacturer's specification of the personal protective equipment (shock absorber etc.)
  - + displacement of the anchorage device (max. 1000 mm, depending on the support height)
  - + user height
  - + 1 m safety distance.
- After a fall has occurred, the anchorage device must be withdrawn from further use and checked by a specialist (subcomponents, attachment to the ground, etc.) see also Chap. 1 and 2.
- The anchorage device was developed for personal security and may not be used for other purposes. Never attach undefined loads to the anchorage device. Dangers can arise which impair the function of the equipment, e.g. slack rope formation, sharp edges, chemicals, electrical influences, abrasion, deformations.  
In this case no use is allowed! For sloping roofs, roof avalanches (ice, snow) must be prevented by suitable devices to intercept snow.
- The entire anchorage system must be subjected at least every 12 months to inspection by a competent person authorized by the manufacturer, in accordance with the manufacturer's instructions. Here, the instructions of the manufacturer must be observed. The inspection by a specialist must be documented on the control card supplied.
- Attention: Snow clearance at the facility required due to snow pressure load

## 2. Safety requirements for installation

---

- Anchoring devices that have been tested in accordance with EN 795 may only be installed by competent persons who have experience with the GREEN anchorage devices.
- The installation instructions for each anchorage device must be strictly observed. The permissible number of users for the anchorage system is also stated there.
- The installers must ensure that the mounting surface is suited for attaching the anchorage device. If in doubt, a structural engineer should be consulted.
- If any uncertainties arise during installation, the manufacturer must be contacted.
- The professional fastening of the anchorage device to the building must be documented by installation protocols for the respective installation situation. Photos of the individual installation situations are advised.
- The waterproofing of the anchorage system in the roof covering must be carried out professionally in accordance with the applicable guidelines. If the marking of the anchorage system is no longer accessible/recognizable after installation, an additional marking should be made in the vicinity.
- The anchorage device must not be more than 300 mm above the insulation/roof covering in the finished installation condition.
- All stainless steel bolts must be greased with a suitable lubricant before assembly.

### 2.1. Labeling and standards

---

Standards/certifications of the anchorage system:

DIN EN 795:1996      Class A (C)      3 persons

GREEN LIGHT has been tested and certified according to EN 795:1996- Class: A

The test was performed statically and dynamically on the respective mounting surface.

GREEN LIGHT is suitable as a substructure for fastening intermediate rope supports in horizontal rope protection systems DIN EN 795 Class C.

The maximum force introduced must not exceed 12 kN. The test was carried out with 18 kN.

## 3. "GREEN LIGHT" Technical Data

---

GREEN anchorage device "GREEN LIGHT"

Name:	GREEN LIGHT
Article number:	4952 XX 00 (depending on height and material)
Total level:	max. 700 mm
Diameter:	ø 16 mm
Base plate:	none
Material:	stainless steel

The anchorage device is plastically deformable from ~50 kg!

From an eyelet projection (overall height) of 300 mm to the mounting surface, the anchorage device must be integrated into the roof structure or otherwise supported against unintentional deformation.

## 4. Mounting of attachment point (360° - swivel column) GREEN LIGHT

After the attachment of the anchorage device to the ground and the sealing, the anchorage point (360° – swivel eye) is finally attached. The attachment point can be rotated in all directions after installation. This prevents looping in the safety rope of the user. The anchor point should always be used in conjunction with a carabiner.

Screw a hexagon nut M16-DIN 934 onto the M16 thread, attach the identification plate and screw on another M16 hexagon nut.

Lock both hexagon nuts against each other. The remaining free thread protrusion must be at least 25 mm. (sketch 4)

Attach the attachment point (swivel eye) and screw it together with the locking nut M16 (sketch 5).

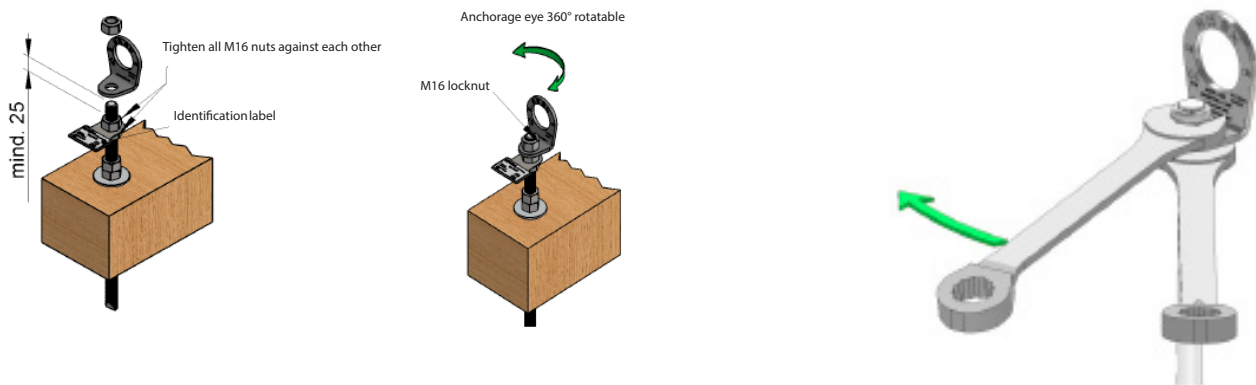
After screwing, turn the lock nut M16 one ¼ (90°) – turn back, the swivel eye can now rotate 360° about the rod axis. The thread protrusion above the lock nut must be approx. 2 threads.

### WARNING!

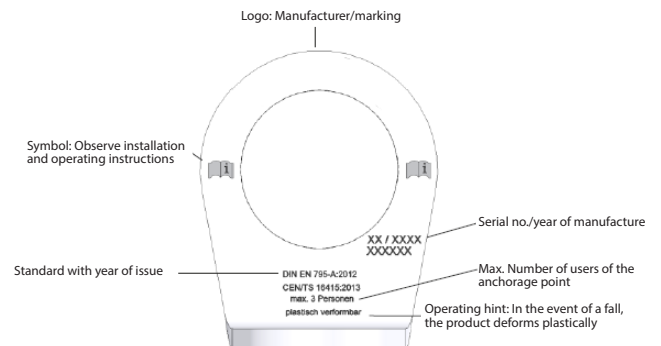
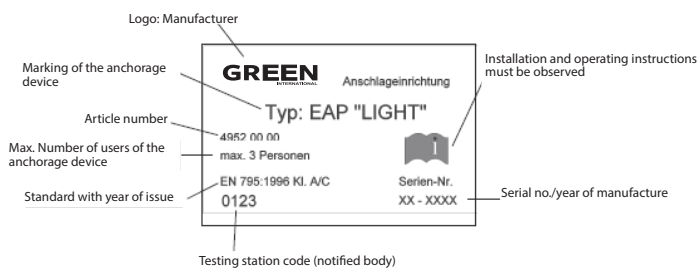
During screw connection, it is essential to hold the anchorage device in place with a 24 mm open-ended wrench to prevent it from twisting.

### Hint!

To avoid an inseparable cold welding in the thread during assembly, stainless steel threads must be treated with a suitable lubricant before screwing!



## 5. Labeling





## 6. Cleaning

---

Metal parts must be cleaned by wiping with a cloth after use.

Other types of cleaning are not permitted. (e.g. chemical cleaning, etc.)

### Use/max. service life

Maximum service life

The service life essentially depends on the type of application and frequency.

With the annual inspection by an expert, the anchorage point is approved for a further year.

The prerequisite is the completeness of all necessary documents such as acceptance protocols, installation documentation and inspection protocols.

Overview of some important standards:

DIN EN 795	Protection against falls from a height – Anchoring devices – Requirements and test methods
DIN EN 353	Personal protective equipment against falls from a height – Climbing protection systems
DIN EN 355	Personal protective equipment against falls from a height – Fall absorbers
DIN EN 360	Personal protective equipment against falls from a height – Height safety devices
DIN EN 361	Personal protective equipment against falls from a height – Safety harnesses
DIN EN 362	Personal protective equipment against falls from a height – Connecting components

Accident prevention regulations and safety rules (excerpt) for Germany:

Employer's liability insurance association regulations (BGV) Rules (BGR) Information (BGI)

BGV A1 BG Bau "Principles of Prevention"

BGV C22 BG Bau "Accident prevention regulations for construction work"

BGI 530 BG Bau "High level construction works"

BGR 198 BG Construction "Use of personal protective equipment against falls from a height".

BGR 199 BG Bau "Rescue from heights and depths with personal fall protection equipment"

BGG 906 Principles for the selection, training and certificate of competence of experts in personal protective equipment against falls from a height

## 7. Product description

GREEN LIGHT are permanently usable anchorage devices, which are used to connect the PPE (personal protective equipment). The anchorage devices are designed and tested for 3 persons according to the DIN EN 795 test procedure. These instructions describe the assembly and fastening of the following types of installation:

### Mounting surface:

- solid concrete
- solid wood
- Steel

### Application

GREEN LIGHT reduces the forces introduced into the structure in the event of a fall, as the anchorage device has a reasonable service life compared to conventional supports, but deforms in the event of a fall in the direction of the load and thus introduces only a reduced amount of energy into the ground. A further characteristic is the associated fall-damping effect on the user(s).

## 8. GREEN LIGHT Minimum installation surface requirements

Concrete	<p><u>Approved normal concrete</u> (cracked and uncracked) Strength grade Minimum thickness of the member <math>h_{min}</math> (mm) Edge clearance <math>c_{min}</math> (mm)</p>	<p>DIN EN 206-1/A2 C20/25 to C50/60 160 100</p>
Metal	<p><u>Steel</u> Strength grade Minimum thickness of the member <math>t_{min}</math> (mm) Edge clearance <math>c_{min}</math> (mm)</p>	<p>DIN EN 1993-1-1 ≥ S235 Techn. construction specifications min. 5 mm Techn. Construction specifications</p>
Wood	<p><u>Wood</u> Strength grade Minimum cross section <math>A_{min}</math> (mm) Edge clearance <math>c_{min}</math> (mm)</p>	<p>DIN EN 338 min. C24 130 x 100 mm or 130 x 110 mm Techn. Construction specifications</p>

## 9. Components

PSA - Anchorage device EAP "LIGHT" Art. 4952 XX 00M16 x L – (L= nominal height)				
Stk		Benennung		Art.-Nr.
1		Anchorage rod EAP "LIGHT" M16 x L – (L= nominal height)		4267 30 XX
2		M16 wood arbor		9835 0016
2		Washer M16-A2		9856 0016
6		Hexagon nut M16-A2		9830 0116
1		Identification label 30x50		4952 1005
1		Anchorage point (eye)		4955 1070

Accessories for the installation variant: Mortar in concrete must be ordered separately.

### Sealing of the anchorage device

The GREEN LIGHT anchorage system must be sealed in accordance with national technical guidelines:  
Sealing of the anchorage device in the roof surface is not recommended (thread sealing).

## 10. Camber factor/positioning of the anchorage devices

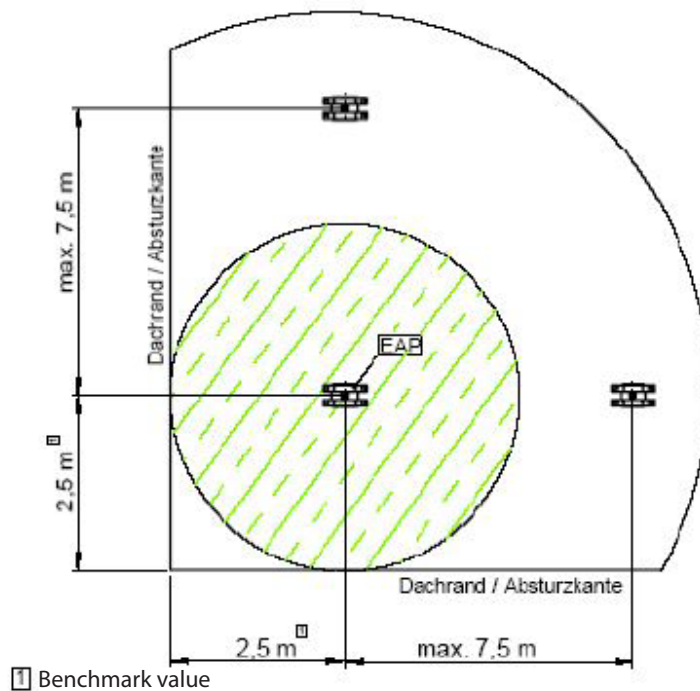
(system supports)

The construction and installation applies to every installation height for the anchorage system. The anchorage devices should be installed at a recommended minimum distance of 2.5 m from the fall edge/roof edge. The basic prerequisite is a statically stable substructure, compliance with the installation instructions and the safety instructions.

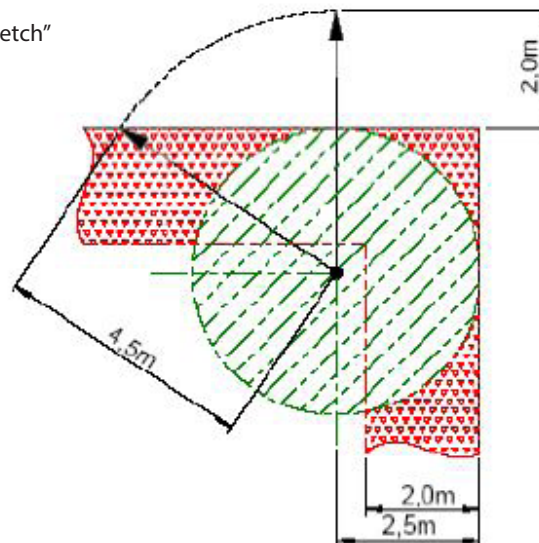
If in doubt about the surface's consistency, a structural engineer should be consulted.

Each anchorage device must be positioned in such a way that the maximum fall factor 1 (= max. 2 m) occurs in the event of a fall over the fall edge. -->see "camber factor" sketch

Position sketch roof



"Fall factor" sketch



## 11. Fastening the anchorage device

### Installation variants: Mortar with concrete

Fixing material – order separately:

1x	cylinder injectable mortar Fischer Superbond "FIS SB 390-S" (180 units)	Item no. 4790 50 02
----	--	---------------------

Recommended tools:

Hammer drill ø 18 x 200 (e.g. Hilti TE-TX 18/32)	Item no. 9961 00 18
Fischer dispensing gun "FIS DM S"	
Hand air blower and brush ø 18	Item no. 4790 50 01

#### Fixing material:

Injectable mortar Fischer "FIS SB 390- S"

Thread penetration depth in concrete min. 120 mm

Concrete quality min. C20/25, component thickness min. 160 mm, clearance concrete edge min. 100 mm

(Observe the mortar manufacturer's original instructions!)

Only fixing material supplied by GREEN International Absturzschutz GmbH may be used. Items may not be exchanged.

The concrete strength of the anchor base must be determined before installation.

#### Installation instructions: Mortar with concrete ("Installation sketch 1" – see par. 11)

- The original Fischer "FIS-SB" operating instructions must always be observed when attaching to the substrate!
- Determine the position of the anchorage device on the subsurface.
- The anchorage for the anchorage system GREEN LIGHT is made with injectable mortar.
- The required minimum drill hole depth is 125 mm and the edge distance is at least 100 mm.
- To anchor 1 drill hole right-angled to the surface of the anchor base with a hard metal hammer drill (nominal diameter 18 mm) – blow out drill hole 2 x with hand blower and clean 2 x with brush ø 20 mm and blow out again with hand blower 2 x.
- Fill the cleaned borehole with mortar from the bottom of the borehole upwards with bubble-free mortar (~9 units).
- Immediately press the inclined threaded side of the anchorage device GREEN LIGHT into the drill hole filled with mortar up to the bottom of the drill hole 125 mm with a slight rotary movement. – Mortar must leak from the edge of the borehole when the setting mark is reached. Then allow the mortar to harden according to the manufacturer's instructions!

#### WARNING!

Drill fixing holes only in strong construction concrete!

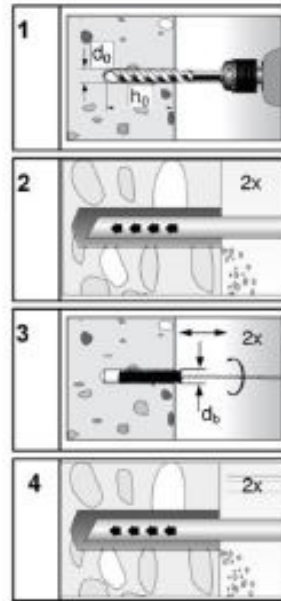
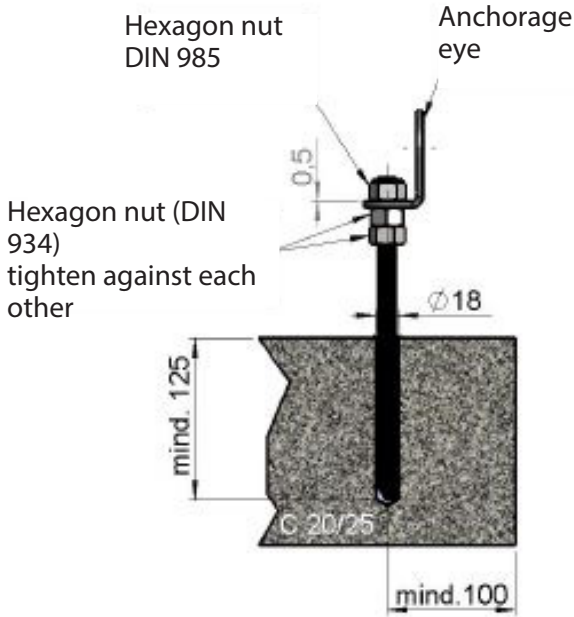
Anchorage is not possible in screed, levelling concrete, aerated concrete, etc.!

#### For mounting of attachment point (360° - swivel eyelet) see:

Mounting of attachment point (360° - swivel eyelet) GREEN LIGHT.

12. Installation sketch 1: Mortar with concrete

Sketch 1



11.1.3 Auszug aus der original Fischer Gebrauchsanweisung (Stand 08/2013)

! STOP 05.2015 OK?

+5°C – +25°C

M16
18
125
$\varnothing 18$
9

Maximale Verarbeitungszeiten und minimale Aushärtezeiten  
(minimale Kartuschartemperatur 0°C; minimale Patronentemperatur -15°C)

Temperatur im Verankerungsgrund [°C]	Maximale Verarbeitungszeiten $t_{ver}$ [Minuten]		Minimale Aushärtezeiten $t_{aeh}$ [Minuten]	
	FIS SB		FIS SB	
-30 bis -20	---	---	---	---
>-20 bis -15	---	---	---	---
>-15 bis -10	60	---	36 Stunden	---
>-10 bis -5	30	---	24 Stunden	---
>-5 bis +0	20	---	8 Stunden	---
>+0 bis +5	13	---	4 Stunden	---
>+5 bis +10	9	---	120	---
>+10 bis +20	5	---	60	---
>+20 bis +30	4	---	45	---
>+30 bis +40	2	---	30	---

$d_0$  [mm]

$h_0$  [mm]

$h_{0,max}$  [mm]

fischer BS

$d_b$  [mm]

$d_1$  [mm]

$d_2$  [mm]

$d_3$  [mm]

$d_4$  [mm]

$d_5$  [mm]

$d_6$  [mm]

$d_7$  [mm]

$d_8$  [mm]

$d_9$  [mm]

$d_{10,max}$  [-]

$d_{11,max}$  [-]

$T_{fest}$  [Nm]

## 13. Fastening the anchorage device

### Installation variants: Fixing in wood

Only the material supplied by GREEN International Absturzschutz GmbH may be used. Items may not be exchanged. The minimum wood cross-sections of 13/10 cm and 13/11 cm must be observed, depending on the installation variant. Before installation, the static load-bearing capacity of the subsurface structure must be determined. If in doubt, a structural engineer should be consulted.

### Installation instructions: Fixing in wood

Determine the position of the anchorage device on the subsurface.

The anchoring of the anchorage system GREEN LIGHT is done with an M16 anchor rod and the supplied accessories.

For anchoring, drill a through hole  $\varnothing$  18 at right angles to the wood surface with a wood drill (nominal  $\varnothing$  18 mm).

Insert the anchor rod M16 pre-assembled as indicated in section 1.5 with stop eye complete as shown in sketch 2/3 with the required hexagon nuts and a wood connecting pin through the previously inserted through hole  $\varnothing$  18 until the wood connecting pin rests on the subsurface.

### Suggestion

When mounting at a distance, a free thread length of at least 40 mm must be maintained between the hexagon nuts! (see sketch 3)

Attach a wood connecting pin and a hexagon nut M16 to the opposite side and tighten until both wood connecting pins are completely and flush with the wood surface.

### Hint

Use a hammer to gently hammer the two wood connecting rods into the wood during fastening.

Then lock the connection with another hexagon nut.

The tightening torque to be applied is 70 Nm.

Check the anchorage device for perfect, firm seating.

### Suggestion

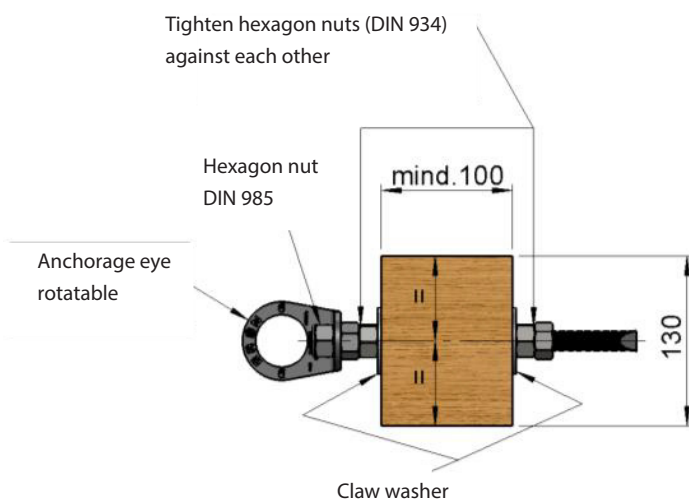
Stainless steel screws tend to cold weld when bolted, therefore use suitable metal-free lubricant during fastening. – (GREEN no. 99989 0009)

We recommend the screw connections in the area of the hexagon nuts be additionally secured with a few drops of screw lock (e.g. Loctite 243/248).

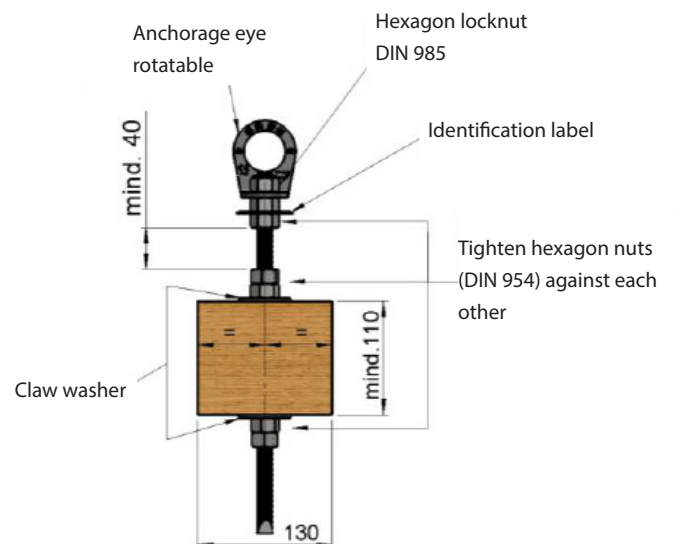
For mounting of attachment point (360° - swivel eyelet) see:

Mounting of attachment point (360° - swivel eyelet) GREEN LIGHT.

Skizze 2



Skizze 3



### Installation in steel subsurface (min. t = 5 mm)

Only the material supplied by GREEN International Absturzschutz GmbH may be used. Items may not be exchanged.

Before installation, the static load-bearing capacity of the subsurface structure must be determined. If in doubt, a structural engineer should be consulted.

### Installation instructions: Fixing in steel

- Determine the position of the anchorage device on the subsurface.
- The anchoring of the GREEN LIGHT anchorage system is done with an anchor rod, 4 hexagon nuts M 16-A2 and with either 2 washers A 17 or with rectangular washers according to DIN 435-10 for supports with angled feet. (DIN 435 washers not included!)
- For anchoring, drill a drill hole max.  $\varnothing$  18 with an edge distance of at least 30 mm into the steel subsurface.
- Insert the anchor rod M16 pre-assembled as shown in sketch 6 + 7 with the required hexagon nuts through the previously inserted through hole  $\varnothing$  18 until the washer A17 rests on the subsurface.

### Suggestion

When mounting at a distance, a free thread length of at least 40 mm must be maintained between the hexagon nuts! (see sketch 7)

Tighten the anchorage device from the underside of the borehole with 1 hexagon nut M16 and a washer. The tightening torque to be applied is 70 Nm. Then lock the screw connection with another M16 hexagon nut. Check the anchorage device for perfect, firm seating.

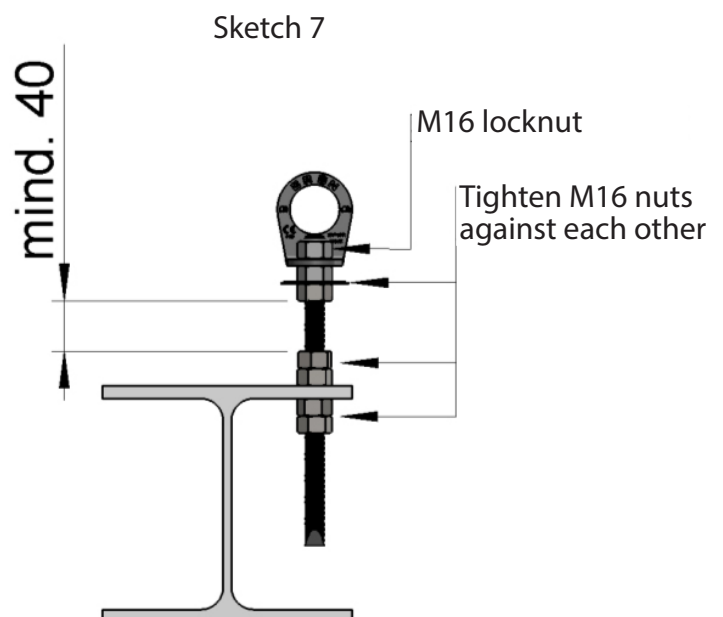
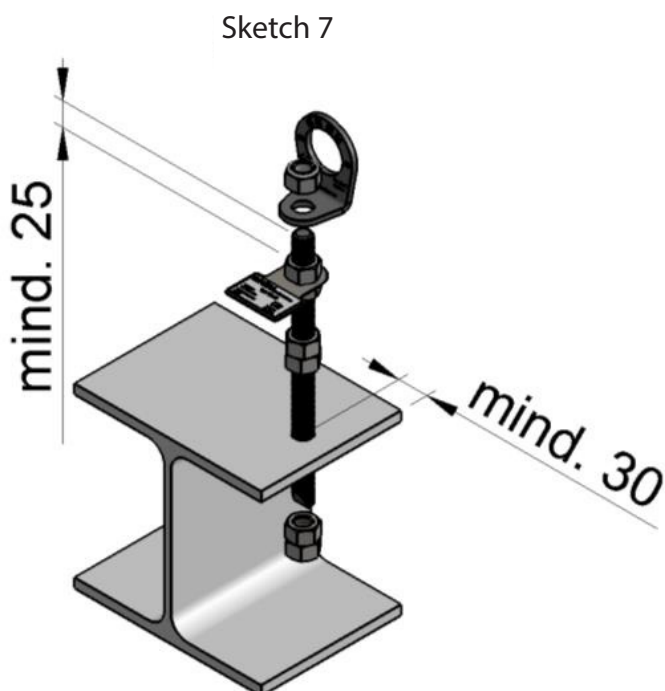
### Suggestion

Stainless steel screws tend to cold weld when bolted, therefore use suitable metal-free lubricant during fastening. – (GREEN Item no. 99989 0009)

We recommend the screw connections in the area of the hexagon nuts be additionally secured with a few drops of screw lock (e.g. Loctite 243/248).

### Mounting of attachment point (360° - swivel eyelet) see

Mounting of attachment point (360° – swivel eyelet) GREEN LIGHT.





## 14. Installation protocol

BV/Object: \_\_\_\_\_ Location of the device: \_\_\_\_\_  
Street, house number

Product: \_\_\_\_\_  
ZIP/City

Client: _____	Contractor: _____	Installation firm: _____
<small>Company name / surname, first name</small>	<small>Company name / surname, first name</small>	<small>Company name/surname, first name</small>
<small>Street, house number</small>	<small>Street, house number</small>	<small>Street, house number</small>
<small>ZIP / City</small>	<small>ZIP / City</small>	<small>ZIP / City</small>
<small>Tel. (office, mobile)</small>	<small>Tel. (office, mobile)</small>	<small>Tel. (office, mobile)</small>

Installation protocol					
Date	Location	Mounting subsurface	Fastening material <small>(Dowels, bolts, etc.)</small>		Tightening torque

The undersigned installation company assures the proper processing of the dowel according to the manufacturer's guidelines. (Proper cleaning of bores, compliance with curing times and processing temperature, edge spacing of the dowels, inspection of the mounting surface, etc.)

Photo documentation		
Date	Place	Photos/File name

- Client: the client accepts the services of the contractor.
- The assembly and use instructions, fastening protocols, and photo documentation have been handed over to the client (building owner) and are to be made available to the user. When accessing the safety system, the positions of the anchorage devices are to be documented by the building owner on plans (e.g. a sketch of the roof-top view).
- An expert fitter familiar with the safety system confirms that the installation work has been carried out professionally, in accordance with the current technology levels and in accordance with the manufacturer's assembly and use instructions. The safety-technical reliability is confirmed by the installation company.

Remarks: \_\_\_\_\_

## 15. GREEN LIGHT mounting element

During roof access (system access), this notice by the owner shall be displayed in a clearly visible way:

### Notes on the existing roof safety system

The device must be used strictly in accordance with the instructions for assembly and use.

Depository of the assembly and use instructions, test records, etc. is:

- Manufacturer and system description: GREEN LIGHT
- Date of last inspection: \_\_\_\_\_
- Maximum number of persons to be secured: 3 persons
- Necessity of fall absorbers: yes
- The required minimum clearance below the falling edge to the ground is calculated from:
  - deformation and displacement (max. 1 m) of the anchorage device in case of a loading event
  - + manufacturer's information on personal protective equipment used, including rope displacement.
  - + body height
  - + 1 m safety distance.

16.Control card

Activities undertaken	Declarant Defects		Date	Company/ Name/ Specialist	Description of defects/ Measures	Date of next regular in- spection
	Yes	No				
<p>System check</p> <ul style="list-style-type: none"> <li>• No deformation of the individual parts detectable</li> <li>• all screws and connections tightened</li> <li>• Rope guides without damage</li> </ul> <p>Visual inspection of the attachment points and accessories (fasteners, etc.) by an authorised expert.</p>						

\*\*\* The anchorage device must be immediately removed from use and sent to the manufacturer or a specialist workshop for inspection and repair in the event of stress caused by a fall or in case of doubt. This also applies if the slinging material is damaged.

The document must be filled in by the person responsible and kept in a safe place together with the instructions for use (e.g. property management).

When accessing the roof safety system, the positions of the anchorage devices are to be documented by plans (e.g. a sketch of the roof-top view)!

## WORK SAFETY IN THE GREEN FIELD

Fall safety is mandatory in Austria. For several years, every professional has been obliged to carry out his work safely on the roof. This is now strictly controlled by the Labour Inspectorate. Not just in the case of installation companies, but also for building owners. So, everyone must be secured.  
Do it the GREEN way.



GREEN International Absturzsicherungs GmbH  
Fabrikplatz 1/10, 4662 Steyermühl  
Tel.: +43 7613 32498-0  
Fax: +43 7613 32498-16

[office@green-gmbh.at](mailto:office@green-gmbh.at)  
[www.green-international.at](http://www.green-international.at)

20191210