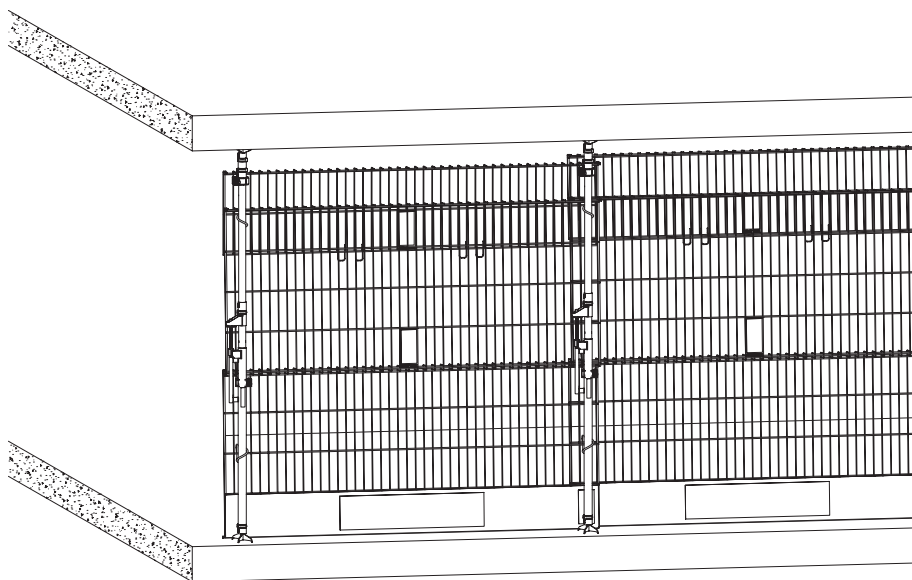


Honeywell

COMBISAFE®

POWER POST SYSTEM



USER INSTRUCTIONS

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General

Safe and rapid edge protection for concrete floors.

The POWER POST fixes between concrete floors and soffits without anchors to provide safe and rapid installation of edge protection.

Its unique compression unit, providing EN 13374 and Containment standard compliant performance and easy fitting and adjustment even with double height steel mesh barriers in place. The POWER POST can be mechanically anchored to both slab and soffit in areas of extreme wind loading such as high-rise developments.

Proprieties:

- Easy compression adjustment, even with barriers or netting in place
- Quick height adjustment up to 3.5m maximum (Up to 4.2m with POWER POST Extension)
- Telescopic post with compression unit for friction/friction fitting between floor and soffit
- Mechanical anchor option with POWER POST Foot
- Visual compression indicator provides built in safety check
- Rapid one-man rigging when using a powered impact wrench
- Complies with EN 13374 Class A
- Optional Level Indicator aids precise vertical rigging

Safety instructions

Always check products and equipment before use

Check all component parts of the Combisafe Power Post System before installation.

Never use damaged or rusty materials as this can affect safety.

Always use personal fall arrest equipment

Personal fall arrest equipment must always be worn during assembly and dismantling when a risk of falling exists. This also applies to MEWPs (Mobile Elevating Working Platforms).

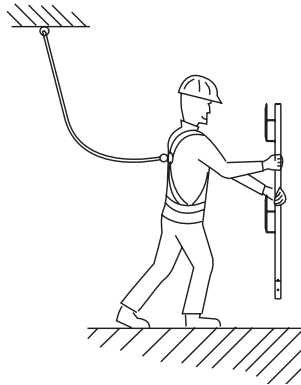


Figure 1. Personal fall arrest equipment

Remember

- Only use safety-controlled products.
- Cordon off below and around the assembly area in connection with the installation so that unauthorized personnel are not injured if, for example, you should drop tools or materials.
- Use tools designed for the type of work to be carried out.
- Tighten screws properly and check that split pins/wedges lock correctly.
- Keep threads clean and lubricated.
- Keep the installation area in order.
- A safe workplace is an agreeable workplace.
- Many fall accidents occur from a low height.

Technical Data

11240 Power Post 2,6-3,5 m

Description:
c/c 2,6 to 3,5 m steel Power Post
System.....Combisafe Power Post System
Surface treatment.....Hot dip galvanized

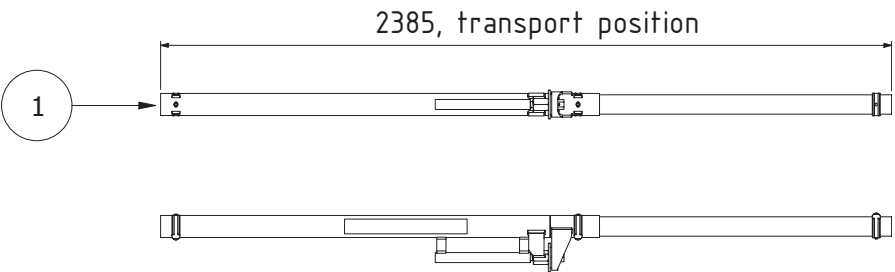


Figure 2. Power Post

Item	Quantity	Part no.	Description	Weight
1	-	11240	Power Post 2,6-3,5 m	17 kg

11226 Power Post Claw Grip

Description:

Claw grip provides additional security against slip.

System.....Combisafe Power Post System

Surface treatment.....Hot dip galvanized

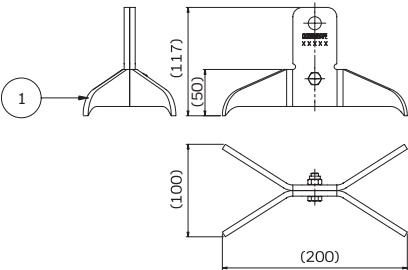


Figure 3. Claw Grip

Item	Quantity	Part no.	Description	Weight
1	-	11226	Claw Grip	1,0 kg

11255 Power Post Foot

Description:
Can be used to secure the post to the floor when a positive mechanical anchor is required.
System.....Combisafe Power Post System
Surface treatment.....Hot dip galvanized

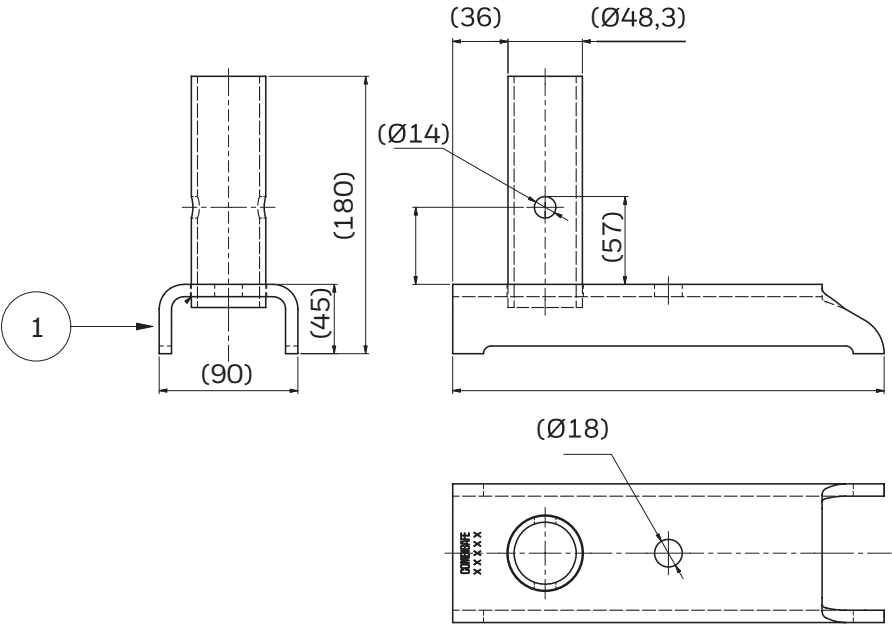


Figure 4. Power Post Foot

Item	Quantity	Part no.	Description	Weight
1	1	11255	Power Post Foot	3,1 kg

11269 & 11264 Power Post SMB Holder Lower & Upper

Description:
Used to install single or double barriers, these holders are fitted with a Quick Clamp mount.
System.....Combisafe Power Post System
Surface treatment.....Hot dip galvanized/Powder coating

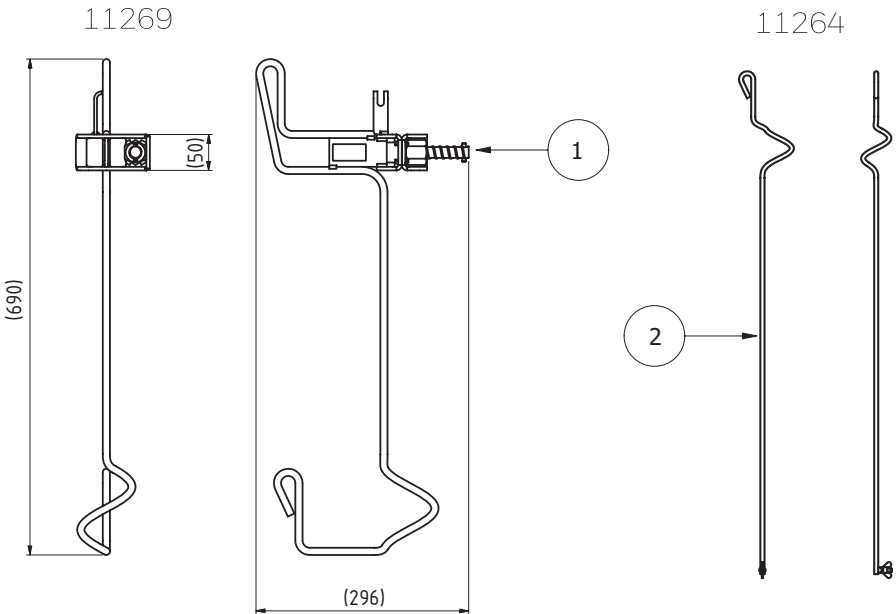


Figure 5. Power Post SMB Holder Lower & Upper

Item	Quantity	Part no.	Description	Weight
1	1	11269	Holder Lower	2,1 kg
2	1	11264	Holder upper	0,9 kg

11734 Power Post Top Extender

Description:

Used like intermediate piece to connect Power Post Claw Grip.

System.....Combisafe Power Post System

Surface treatment.....Hot dip galvanized

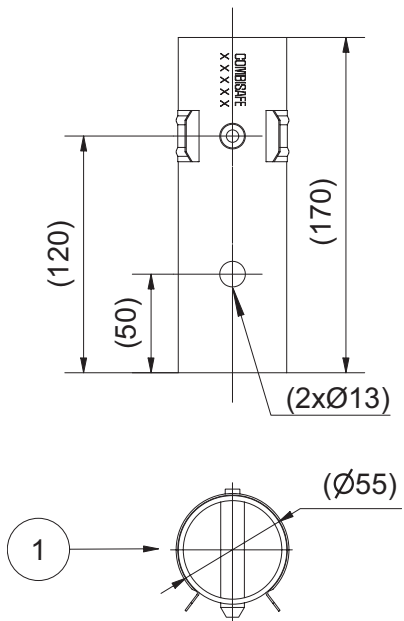


Figure 6. Power Post Top Extender

Item	Quantity	Part no.	Description	Weight
1	-	11734	Top Extender	0,65 kg

100445 Level Indicator

Description:

A clamp on unit allowing quick and easy vertical alignment of Power Post.
System.....Combisafe Power Post System

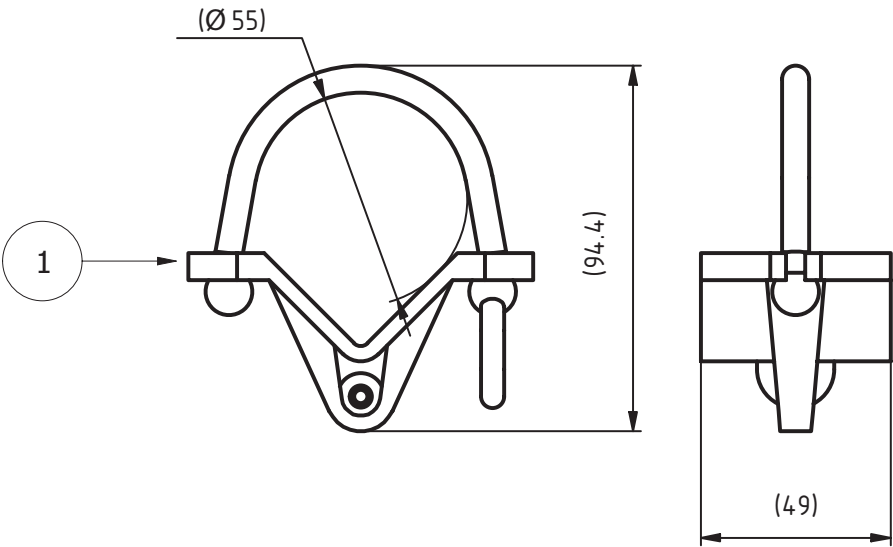


Figure 7. Level Indicator

Item	Quantity	Part no.	Description	Weight
1	1	100445	Level Indicator	0,05 kg

11045 Make Up Holder Coupler

Description:
The Make Up Holder Coupler is used to attach the Make Up Barriers at any desired height between the floor and the soffit.
System.....Combisafe Power Post System
Surface treatment.....Hot dip galvanized

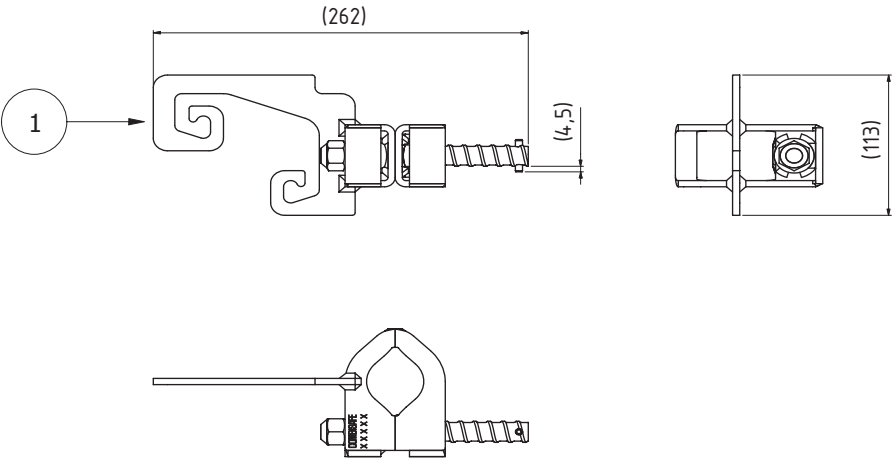


Figure 8. Make Up Holder Coupler

Item	Quantity	Part no.	Description	Weight
1	-	11045	Make Up Holder Coupler	1,05 kg

11046 Net Tube Holder Coupler

Description:

The Net Tube Holder Coupler is used to attach Soft Nets at any desired height between the floor and the soffit.

System.....Combisafe Power Post System

Surface treatment.....Hot dip galvanized

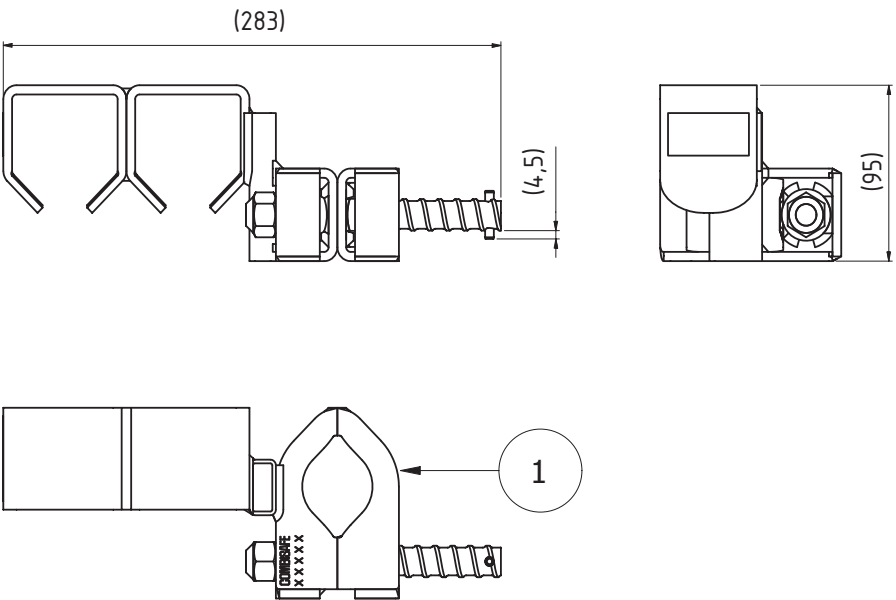


Figure 9. Net Tube Holder Coupler

Item	Quantity	Part no.	Description	Weight
1	-	11046	Net Tube Holder Coupler	1,7 kg

11415 Power Post Extension

Description:

Quick height adjustment up to a maximum of 4.2 m with Power Post extension.

System.....Combisafe Power Post System

Surface treatment.....Hot dip galvanized

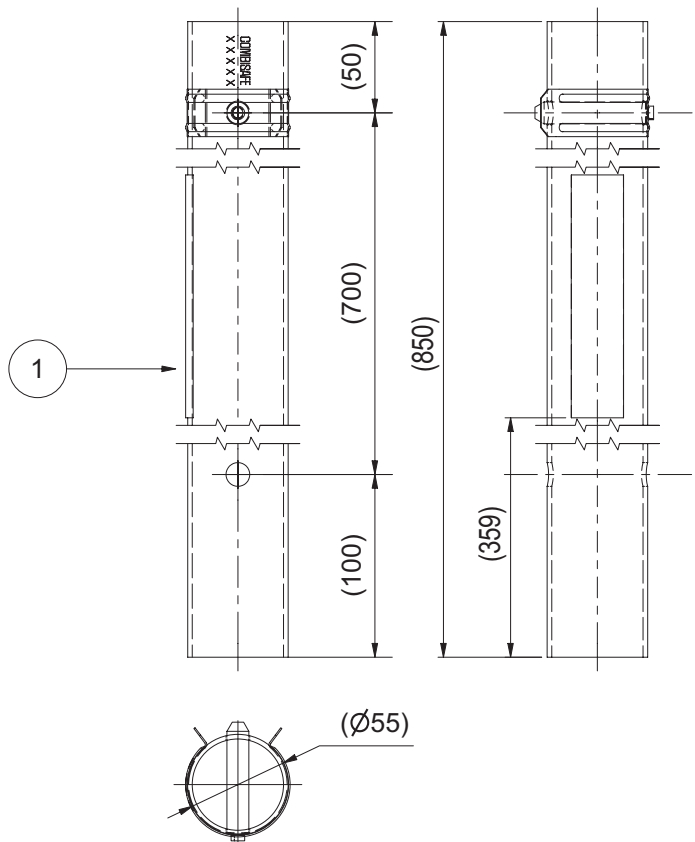


Figure 10. Power Post Extension

Item	Quantity	Part no.	Description	Weight
1	-	11415	Power Post Extension	3,2 kg

11263 E-Clip 55/12

Description:

The E-clip, quickly and easily connects components to the Power Post, reducing the need for tools.

System.....Combisafe Power Post System

Surface treatment.....Electrogalvanized

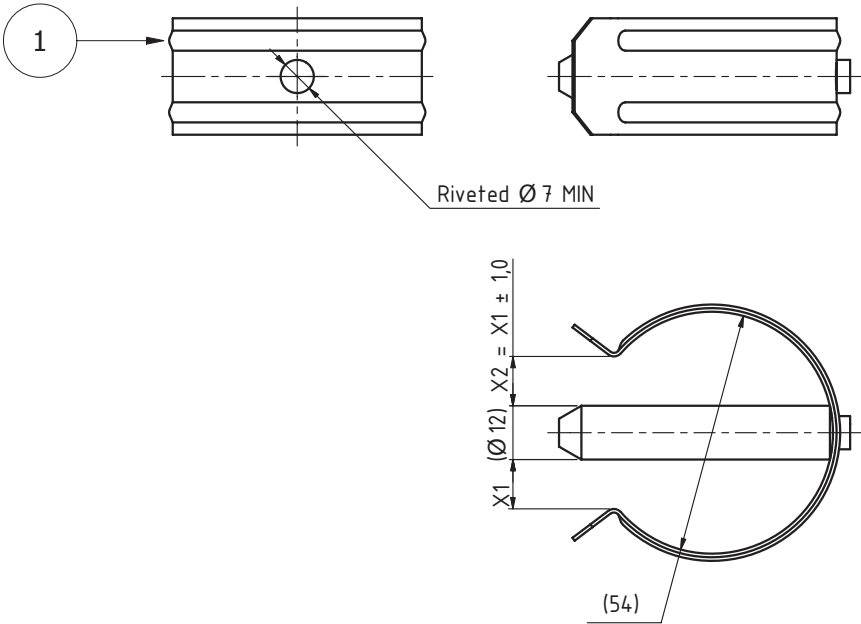


Figure 11. E-Clip 55/12

Item	Quantity	Part no.	Description	Weight
1	-	11263	E-Clip 55/12	0,08 kg

11018 Containment Net Assembly (20 mm x 20 mm)

Description:

A soft containment net, mesh 20x20 mm, attached to aluminium tubes in the top and bottom. Equipped with conical plastic end caps to simplify and secure mounting of the net in the net Tube Holders.

System.....Combisafe Power Post System

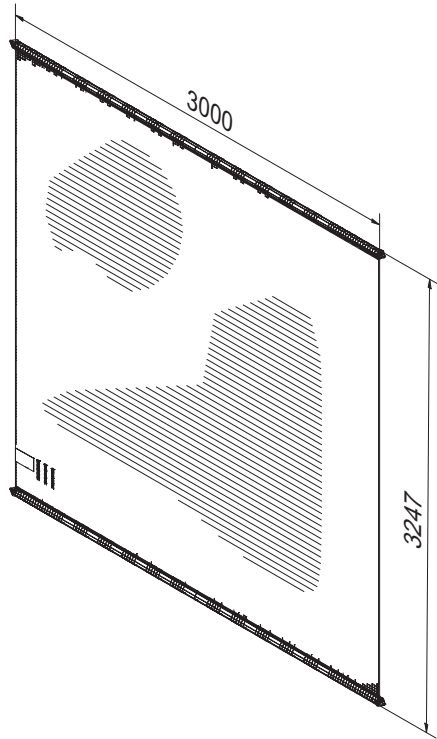


Figure 12. Containment Q20-Net Assy

Item	Quantity	Part no.	Description	Weight
1	-	11018	Q20-Net Assy	9 kg

For remaining components contact Combisafe.

11050 Reach Hook

Description:

The Reach Hook is used for lifting Steel Mesh Barriers, Make-Up Barriers or Soft Nets on to position in the different systems. The Reach Hook is adjustable in length to enable safe installation without the need to work at height.

System.....Combisafe Power Post System

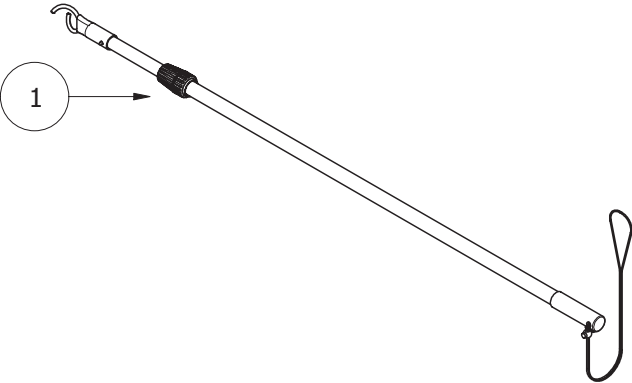


Figure 13. Reach Hook

Item	Quantity	Part no.	Description	Weight
1	-	11050	Reach Hook	1,5 kg

100335 Combistrap

Description:
The Combistrap is a simple webbing strap with a locking buckle used to connect adjacent COMBISAFE barriers. The Combistrap is specifically designed for this application, but it frequently performs a vast range of other duties on a building site.
System.....Combisafe Power Post System

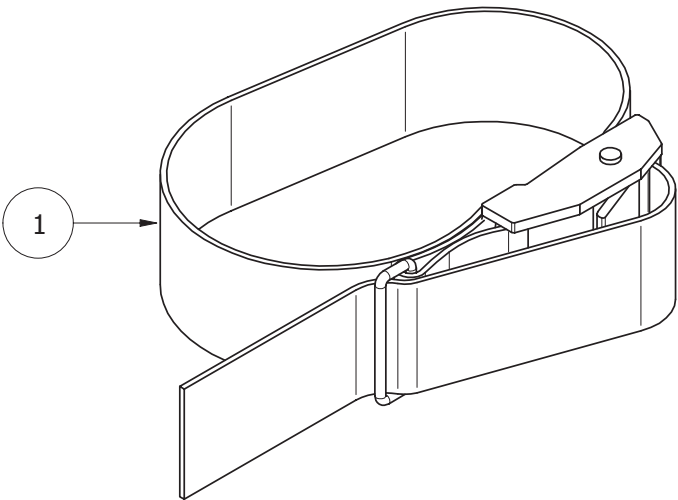


Figure 14. Combistrap

Item	Quantity	Part no.	Description	Weight
1	-	100335	Combistrap 400 mm	0,06 kg

Design and Function

The Power Post can be mechanically anchored to both slab and soffit in areas of extreme wind loading such as high-rise developments.

— WARNING! —

Should you increase the effective area of the edge protection, for example by using scaffold sheeting or plywood, the load at a given wind strength will increase. Never make changes without first checking that the permitted load on the whole system is not exceeded.

Ice and snow

The temporary edge protection system is not designed for exposure to static or dynamic loads resulting from ice and snow. Always keep edge protection free from ice and snow.

- Maximum post spacing is 2,4 meter
- Use a power impact wrench strong enough to compress the load indicator
- Use SMB/LW for edge protection
- Optional Level Indicator for correct vertical position of the post
- Only install system on concrete
- Check quality of base material before installation, no cracks etc

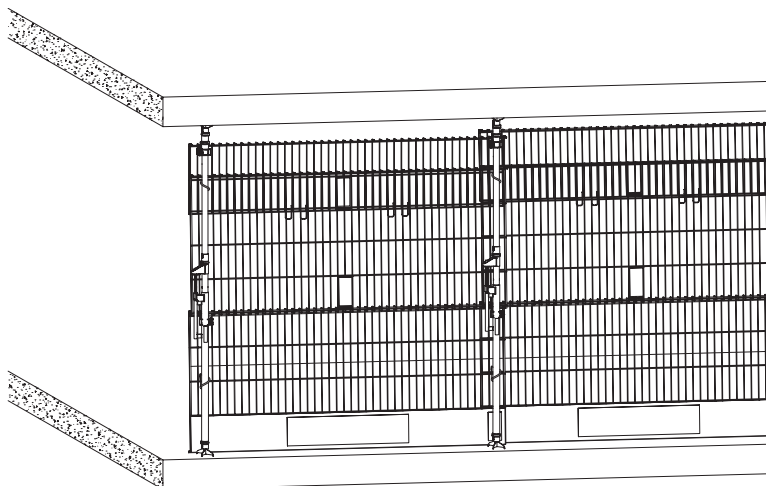


Figure 12. *General conditions*

Rigging

Delivery

The components are assembled together in a kit with all the requested parts and are packed in Multiboxes (Part no. 9540) or on euro pallets.

Rigging, Tools and Equipment

The following tools and personal protective equipment are recommended to assemble the Power Post System:

- Gloves
- Power impact wrench
- Measuring tape
- Spirit leveller or Level Indicator

NOTE

Wind load

Maximum wind load

The edge protection system can withstand a peak wind velocity pressure of 600 N/m^2 .

Maximum wind load when using SMB: 32 m/s.

Maximum wind load when using 20x20 net: 24 m/s.

— WARNING! —

Should the wind speed exceed this amount then the arrangement may need to be recalculated to determine its fitness for purpose. Adjustments may need to be made to the arrangement following calculations.

Maximum working wind conditions

The edge protection systems can withstand a peak wind velocity pressure of 200 N/m^2 under working conditions. This is equivalent to a peak wind velocity of approximately 18 m/s.

Assembly of Power Post System

Fastening

Methods to secure the Power Post to the building structure, refer to relevant QG Power Post sheets.

Loads in QG sheets are design loads, including the partial safety factor $\gamma F = 1,5$.

Important

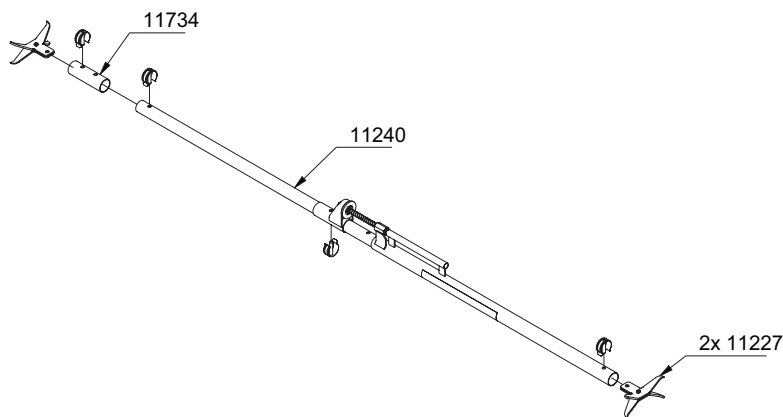
Evaluate all forces affecting the fixings and the building structure.

Fasteners

Always follow the manufacturer's instructions for the selection and installation of all fixings and anchors.

NOTE

It is important to take into consideration concrete quality, and the distance to edges between fixings etc. aspects that might affect strength.



Packing Instructions

Components are packed in Multiboxes (Part no. 9540) or on an euro pallets. A general packing method cannot be described since it needs to be customized from time to time, depending on the amount of units that is required. Please contact your Warehouse if there are any questions.

Maintenance

Inspection/Safety Check

A safety check should be made on all products before being used again. The check is ideally made after use, before the products are placed in the stores. The safety check must be carried out by qualified personnel. Combisafe recommends that the safety check is only to be carried out by persons trained by Combisafe.

Check that:

- No parts are cut or added.
- No parts are embossed or bent/damaged.
- No new drill holes have been made.
- No corrosion has occurred that can affect the strength.
- No cracks have occurred in the welding or the material, around holes etc.
- Parts fit together. Use a gauge.

Identification

All components are marked with a five character identification number stamped in the metal (one letter and four digits). This number can be of use during correspondence with Combisafe.

Disposal

Products identified during the safety checks and which have not been possible to recondition should be discarded and destroyed so that they cannot be used. Most Combisafe products are manufactured of steel and can be scrapped as steel in their entirety. There are some exceptions. Check with Combisafe in the event of uncertainty.

Reconditioning

General

Products rejected during safety checks can be reconditioned. Reconditioning must be carried out by qualified personnel. Combisafe recommends that reconditioning is only to be carried out by persons trained by Combisafe. Recondition according to the following guidelines:

- Clean the parts.
- Only cold processing is permitted.
- Parts that after straightening show any indication of fracture may not be used but should be rejected.
- Replace damaged parts that cannot be reconditioned and parts that have been lost during handling.
- Replace labels if necessary.

Storage

Store Combisafe products in a dry, ventilated area protected from environmental effects, e. g. weather and corrosive substances.

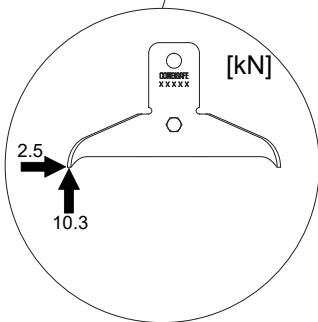
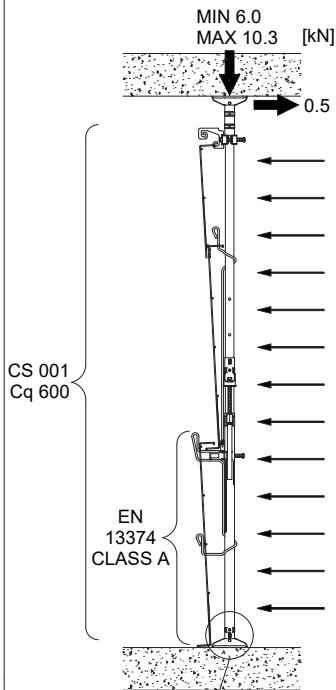
Relevant QG sheets

Contains QG sheets relevant for Power Post System.

10A.



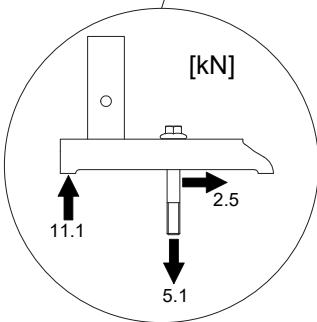
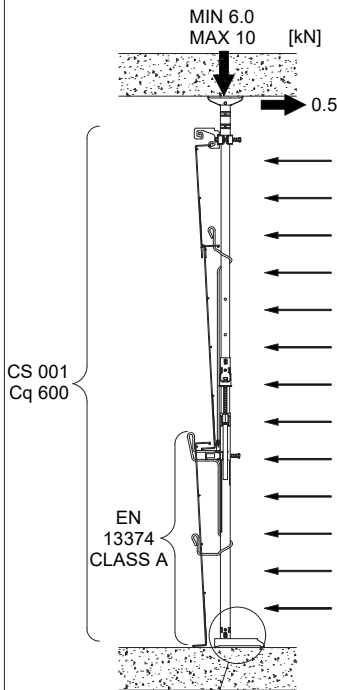
CS 001



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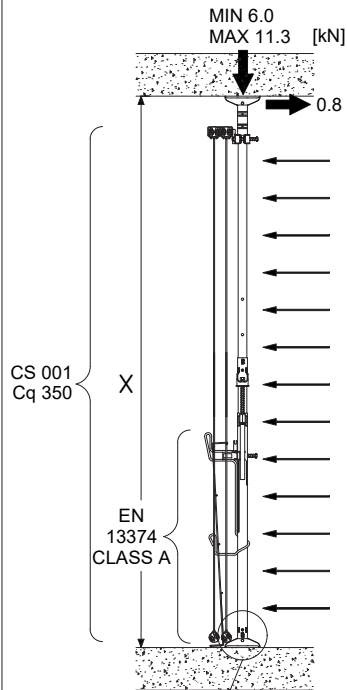
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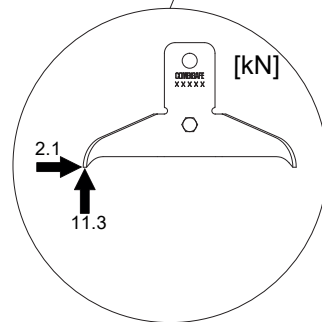
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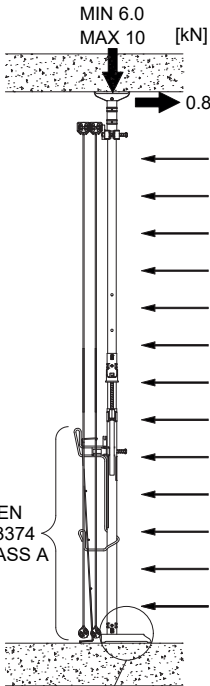
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Cq 350
MAX X = 3,2 m



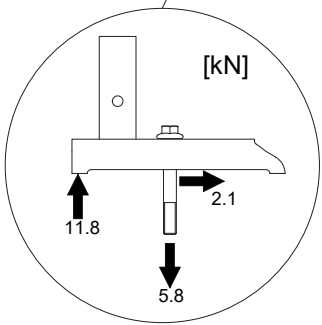
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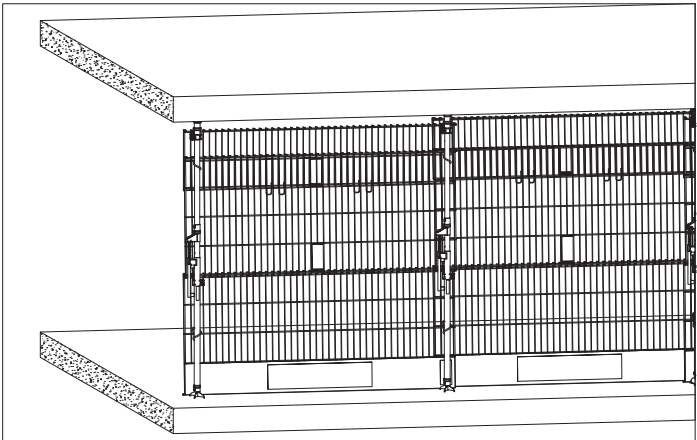


CS 001
Cq 350



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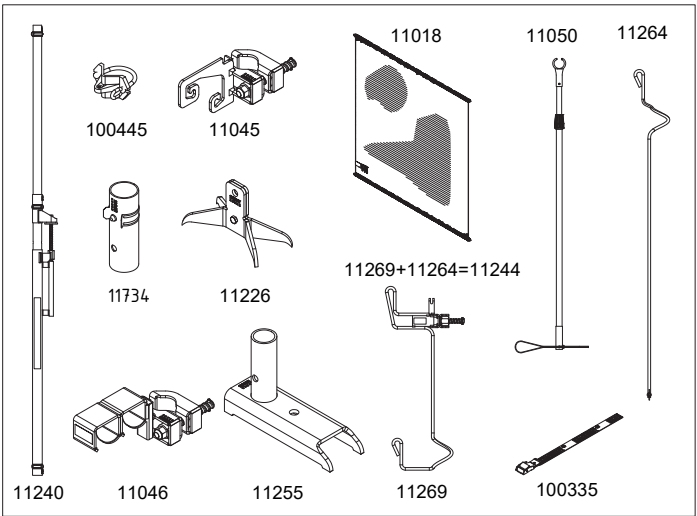
POWER POST Quick Guide

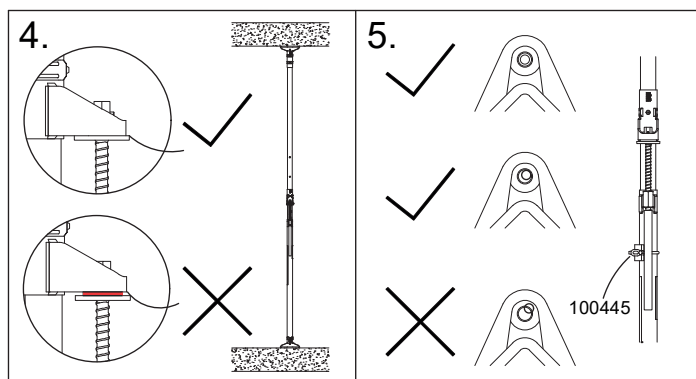
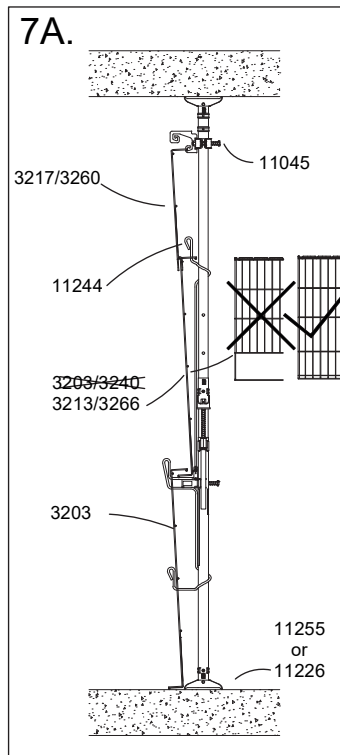
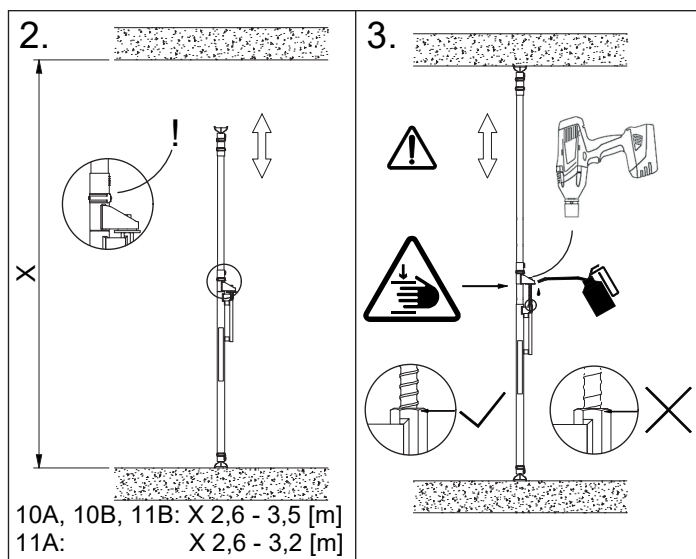
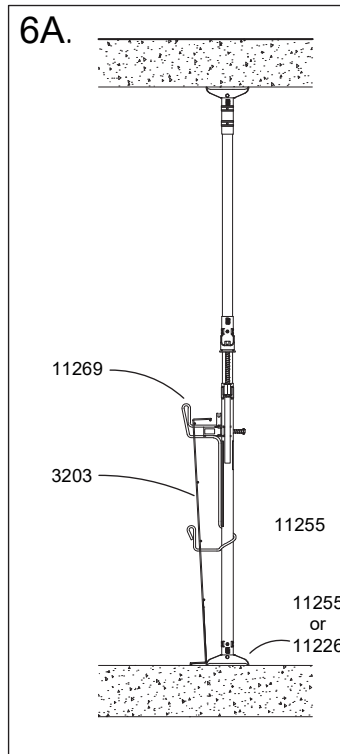
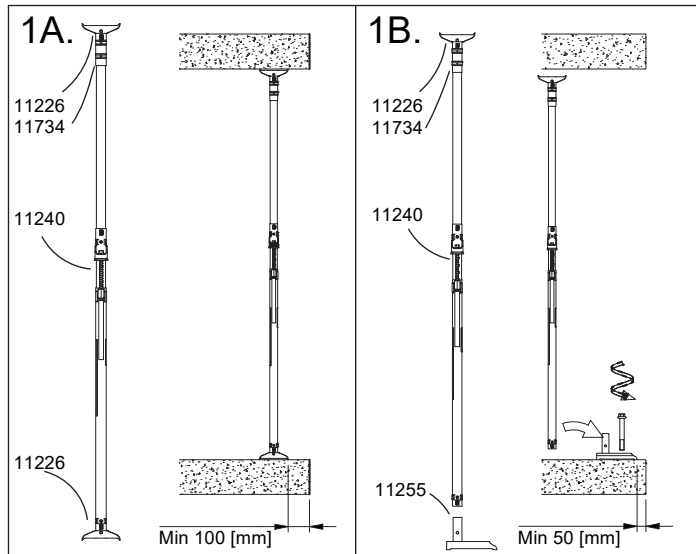


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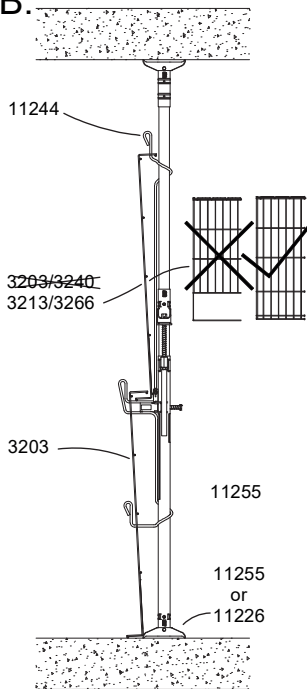
Read the manual carefully before following this guide
Lesen Sie die Anleitung sorgfältig durch, bevor Sie diese Anleitung erfolgt
Lire le manuel d'utilisation attentivement avant de suivre le guide rapide
Lees de handleiding zorgvuldig alvorens deze verkorte handleiding te gebruiken
Läs manualen noggrant innan du följer denna snabbguide
Les manualen nøye før du følger anvisningene i hurtigguiden
Læs vejledningen grundigt, før du følger denne quickguide
Perehdy huolellisesti ohjekirjaan ennen tämän pikaohjeen käyttöä
Por favor, lea la descripción del sistema antes de usar este guía rápida

Combisafe Standard, CS 001
Combisafe System Description C
QG CONTAINMENT
EN 13374
www.combisafe.com

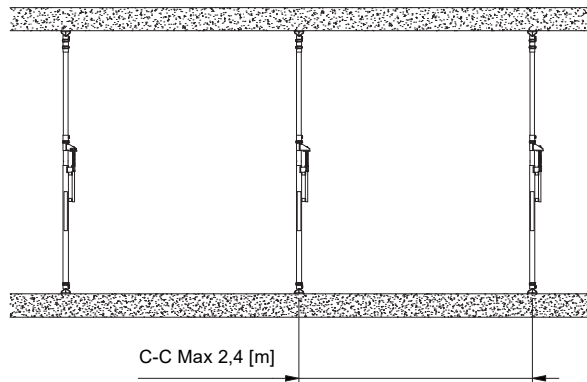




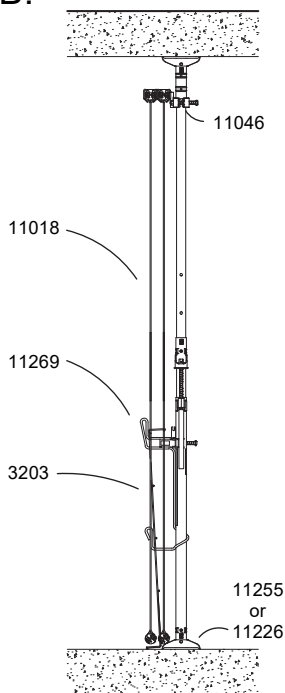
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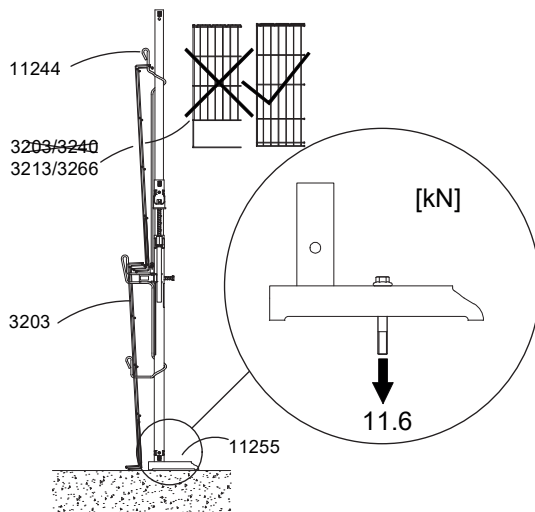
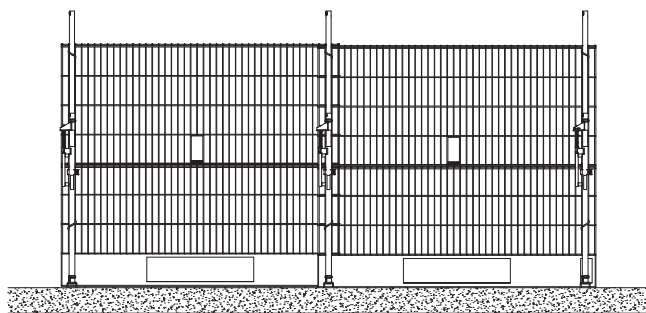
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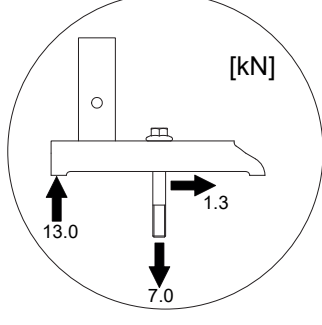
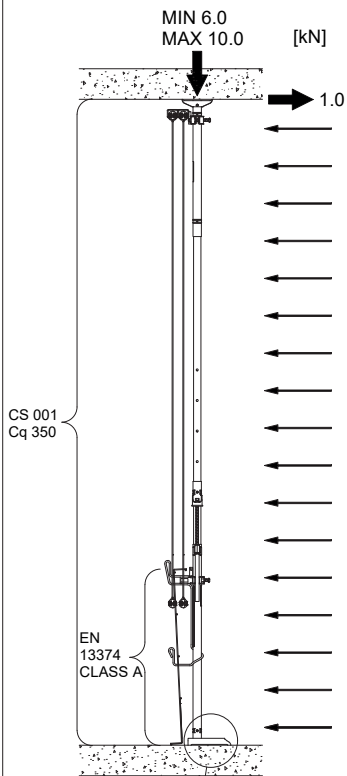
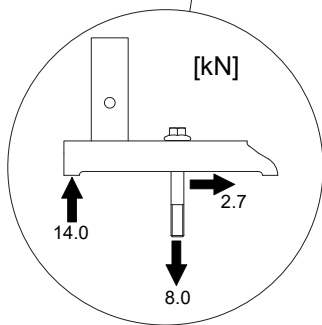
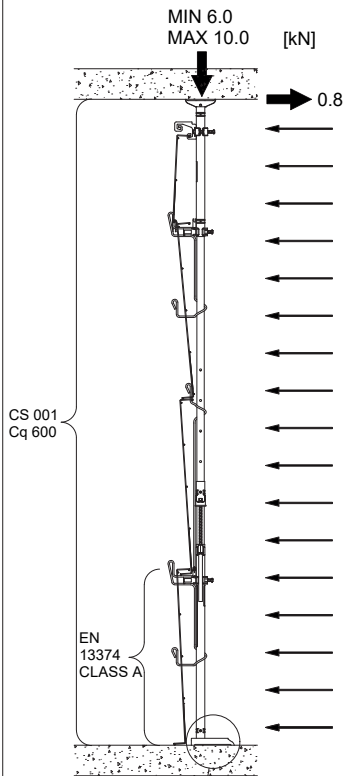
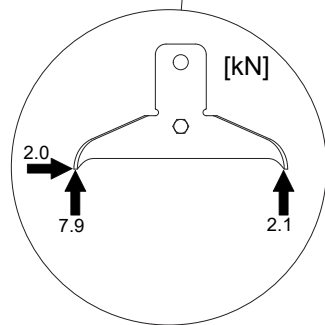
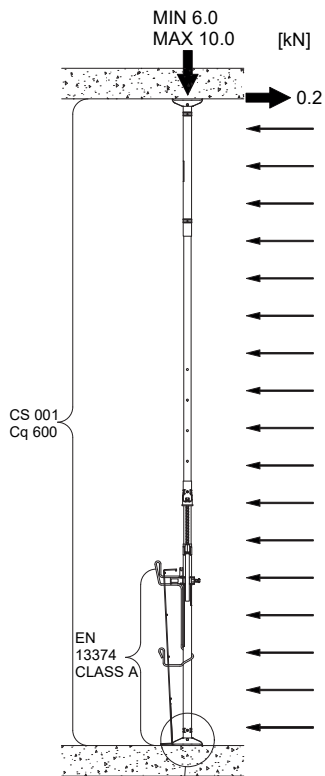


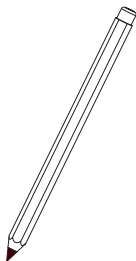
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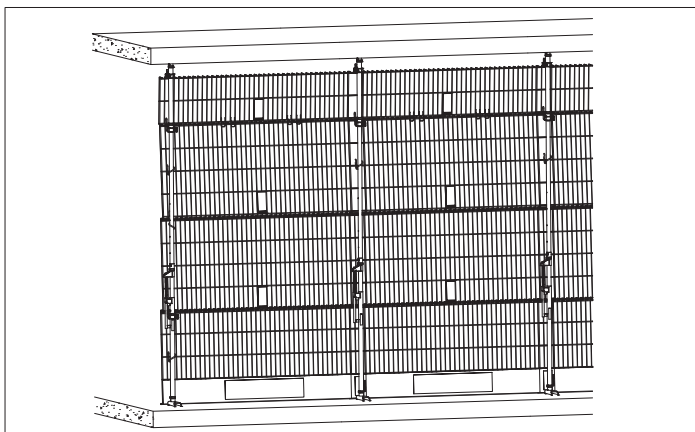






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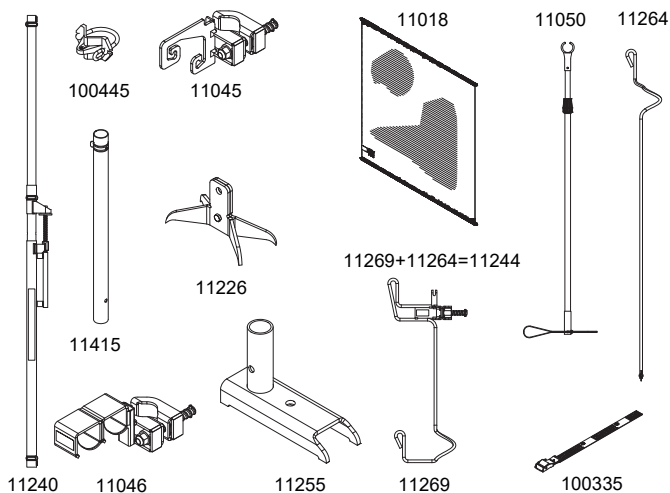
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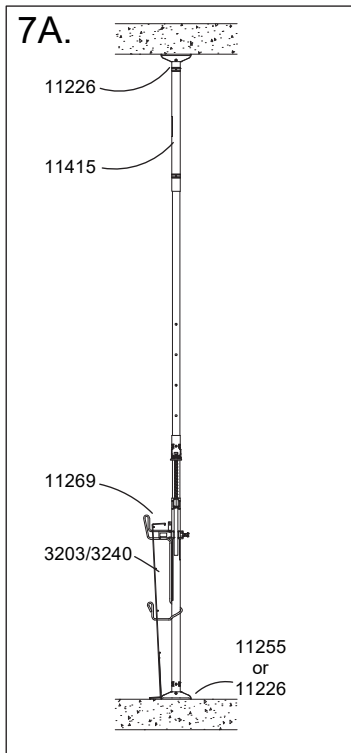
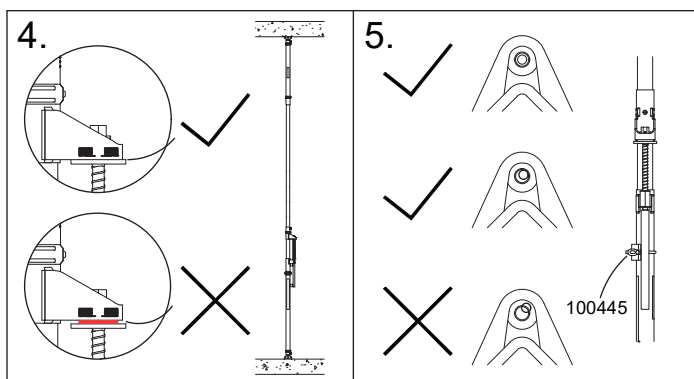
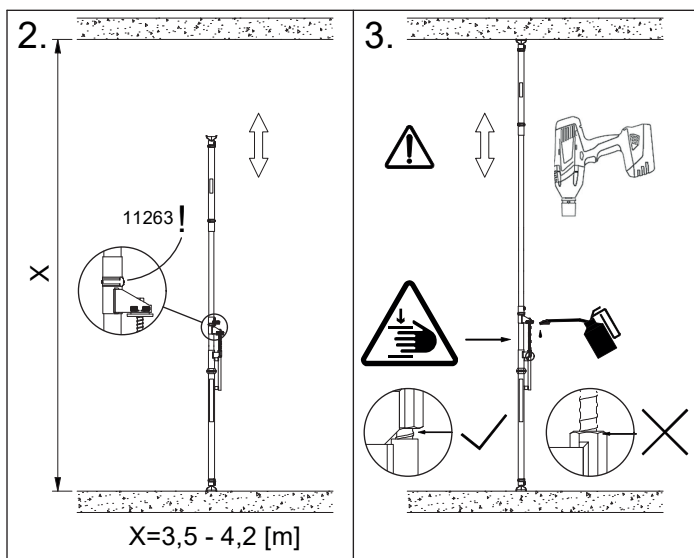
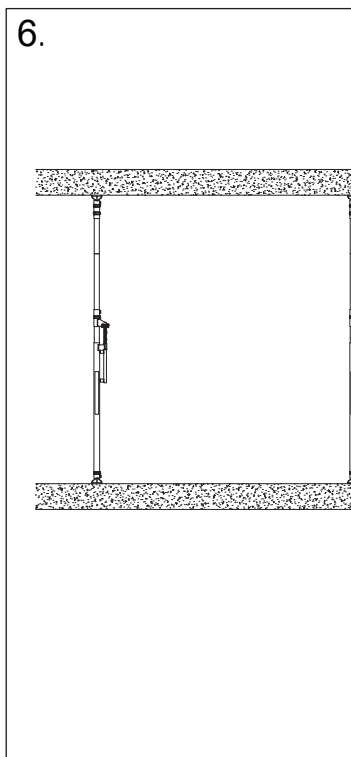
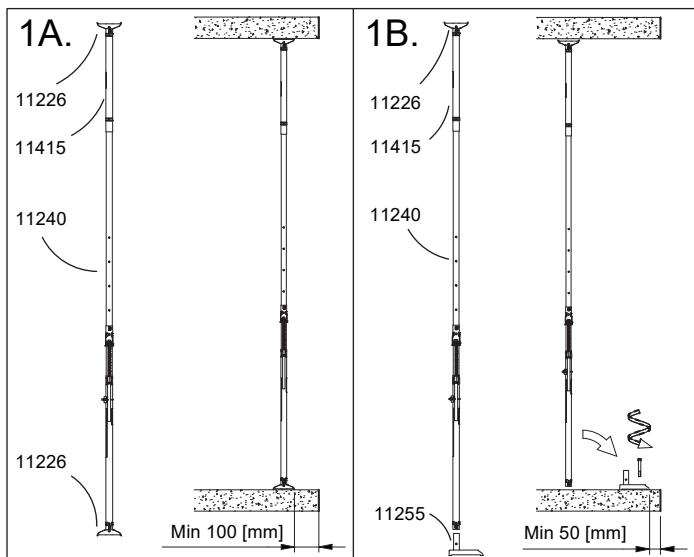


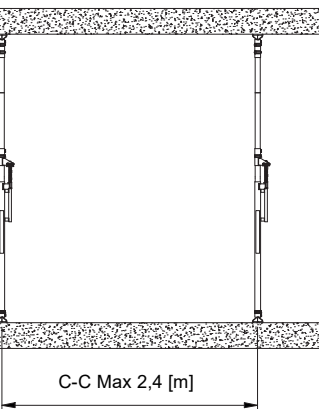
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Läs manualen noggrant innan du följer denna snabbguide
Les manualen nøye før du følger anvisningene i hurtigguide
Læs vejledningen grundigt, før du følger denne quickguide
Perehdy huolellisesti ohjekirjaan ennen tämän pikaohjeen käyttöä
Por favor, lea la descripción del sistema antes de usar este guía rápida

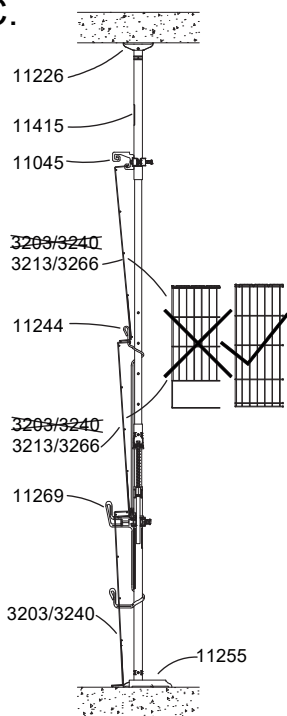
Combisafe Standard, CS 001
Combisafe System Description C
QG CONTAINMENT
EN 13374
www.combisafe.com



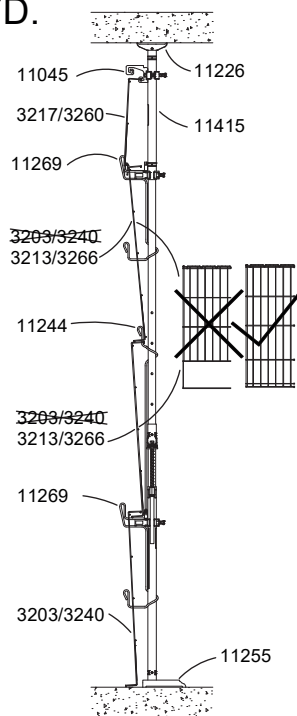




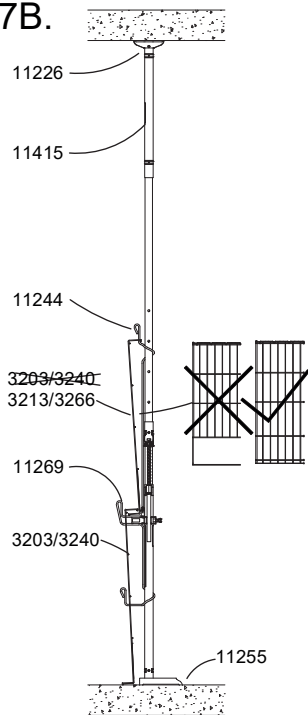
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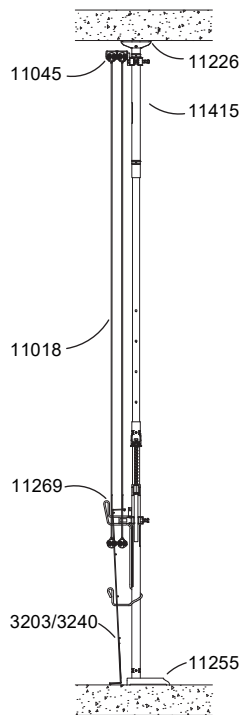
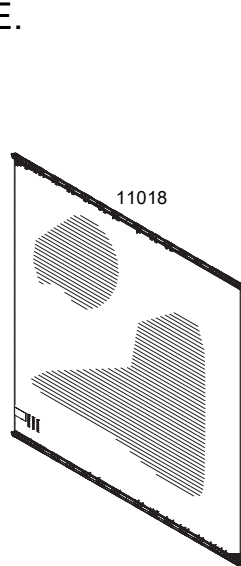
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7B.

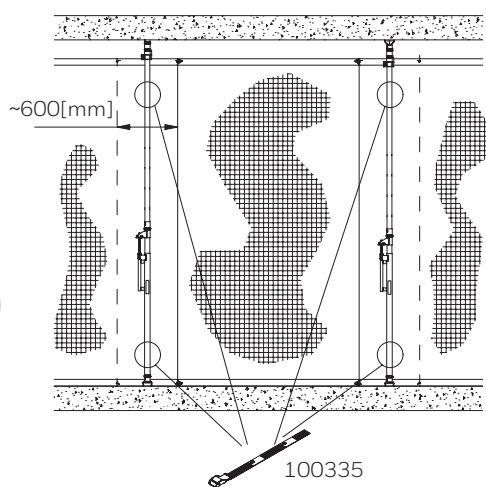
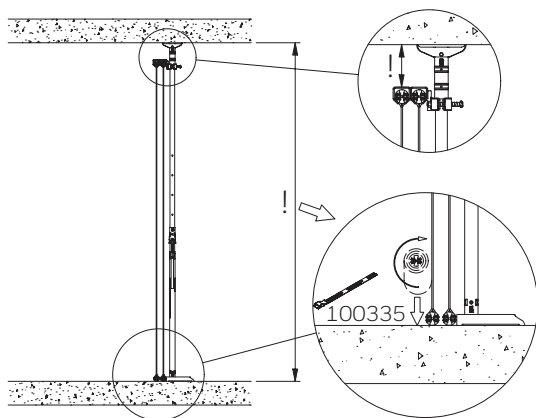
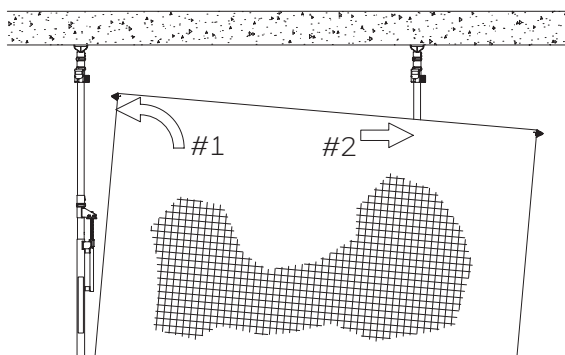
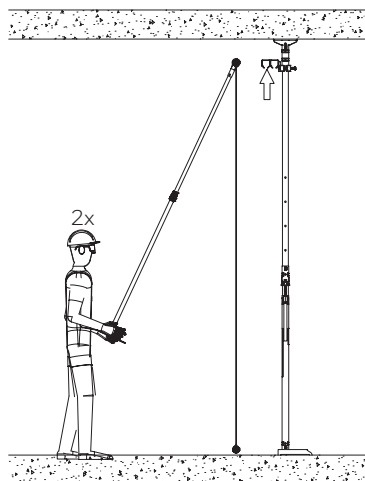
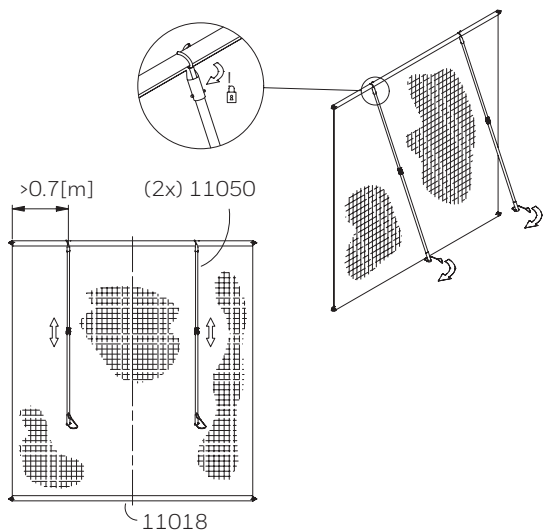
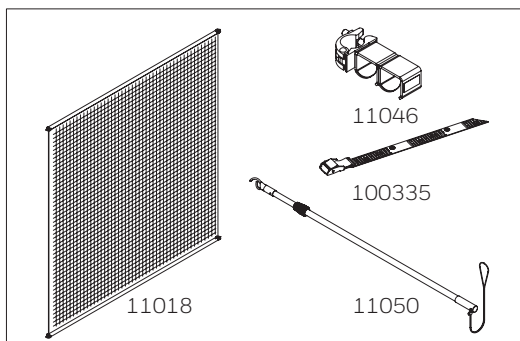


7E.



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SOFT NET CONTAINMENT



Honeywell

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