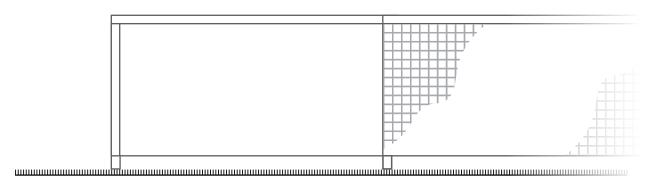
# Lappset sportboarding

290350-290363 290450-290465

Installation instructions

Installatievoorschrift

Installationsanweisungen



NL

DE



### WARNING

Read these installation instructions before you start the installation. Retain this manual for future reference.



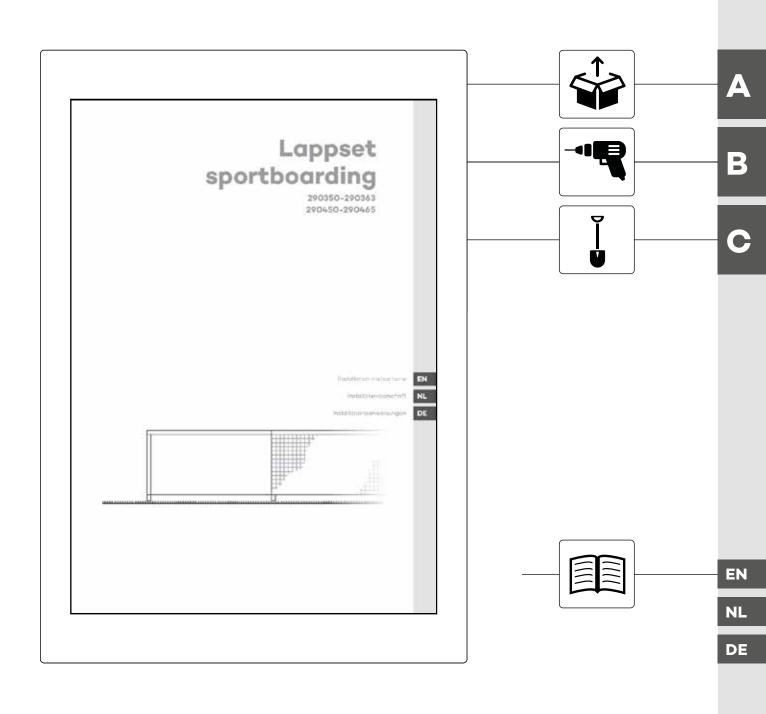
### WAARSCHUWING

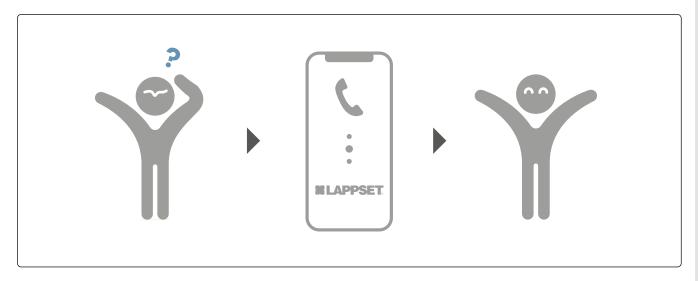
Lees deze installatieinstructies voordat u dit toestel installeert. Bewaar deze handleiding voor toekomstig gebruik.

# W. Bitt

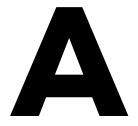
# WARNUNG

Bitte lesen Sie dieses Installationshandbuch durch, bevor Sie das Produkt installieren. Bewahren Sie dieses Handbuch zum späteren Nachschlagen auf.

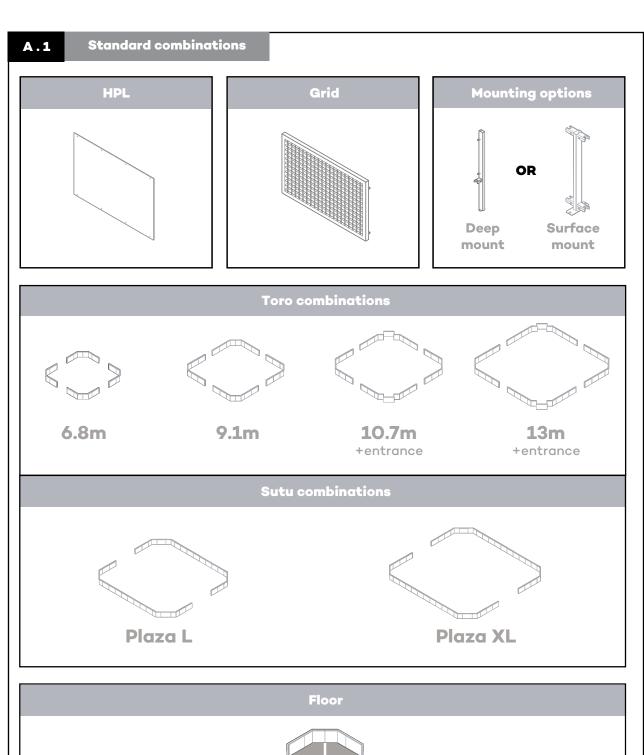




3

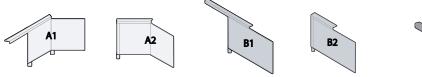




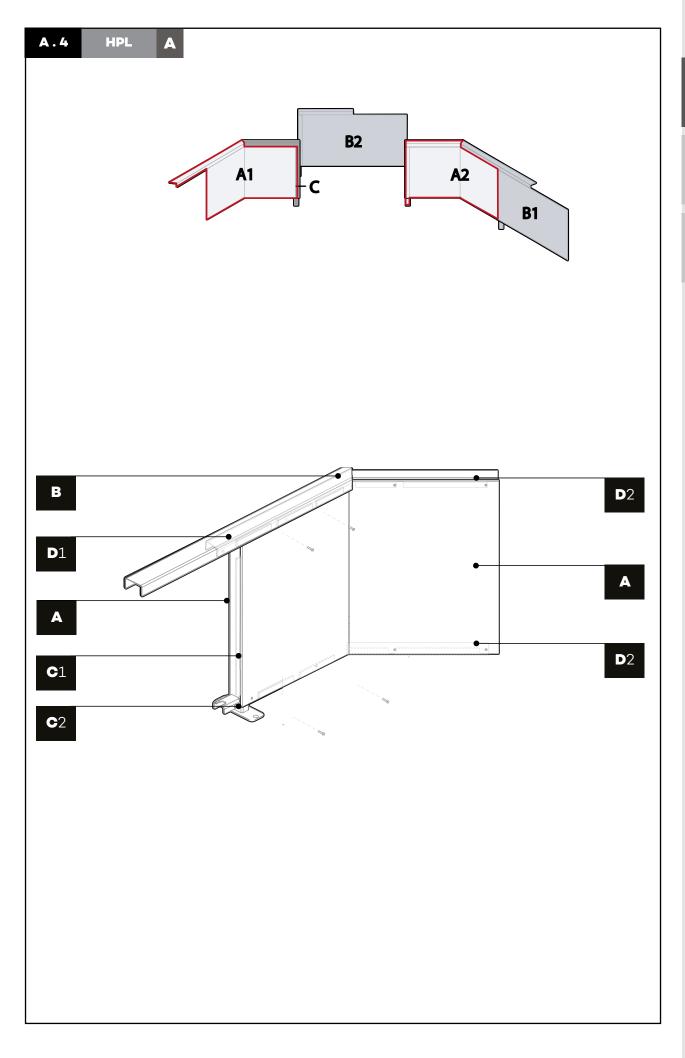


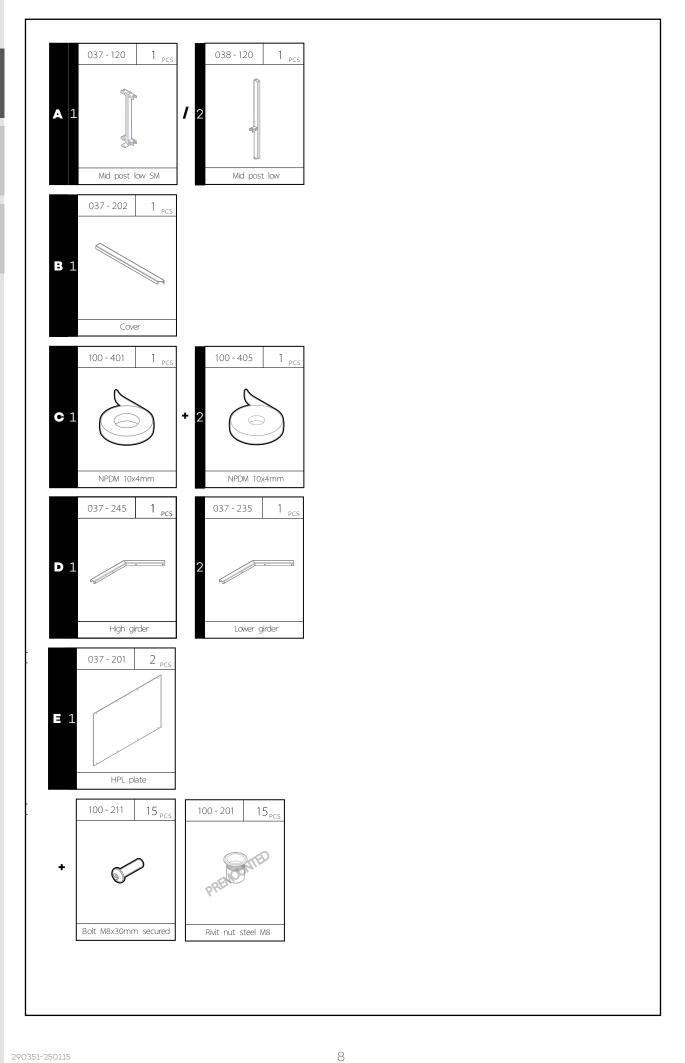


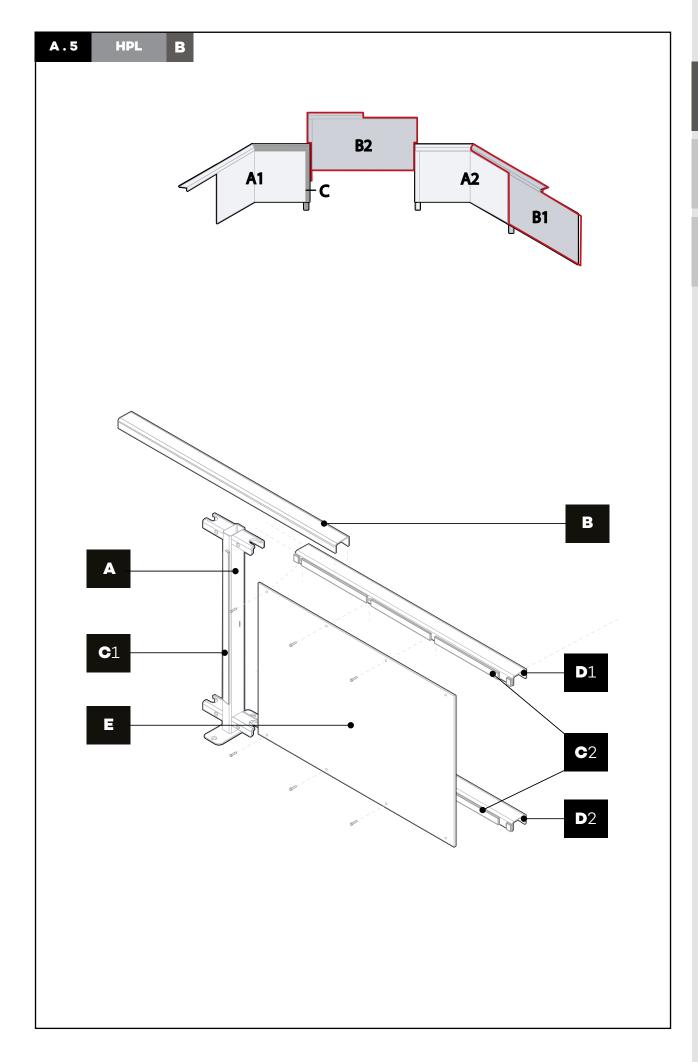
A.3 Amount of standard combinations

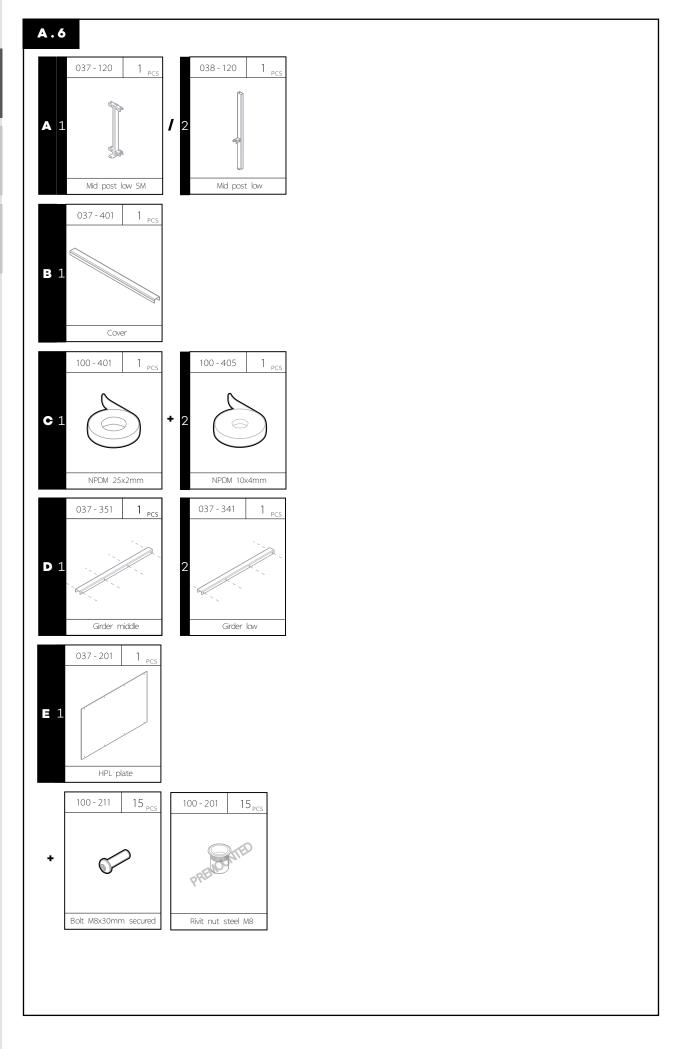


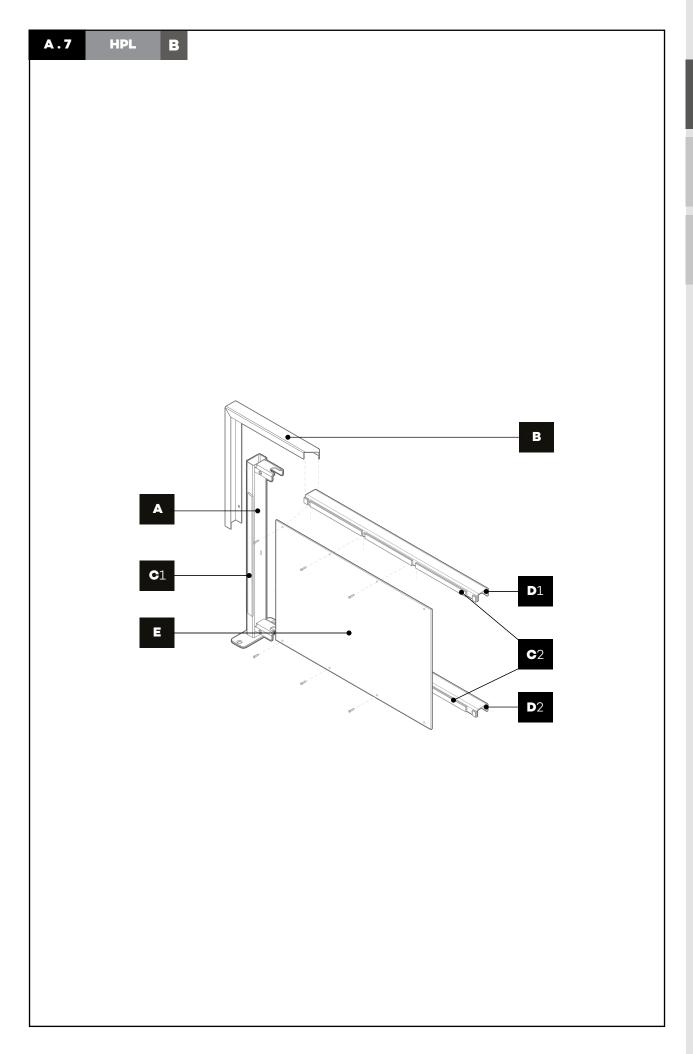
	_	7			V
	037-200	037-210	037-100	037-300	037-400
Toro					
6.8m	8x	Ox	4x	4x	4x
9.1m	8x	Ox	12x	4x	4x
10.7m	8x	Ox	16x	4x	4x
10.7m +gate	7x	1x	16x	5x	6x
13m	8x	Ox	24x	4x	4x
13m +gate	7x	1x	24x	5x	6x
Sutu					
Plaza L	7×	Ox	19x	1x	1x
Plaza XL	7x	Ox	25x	1x	1x

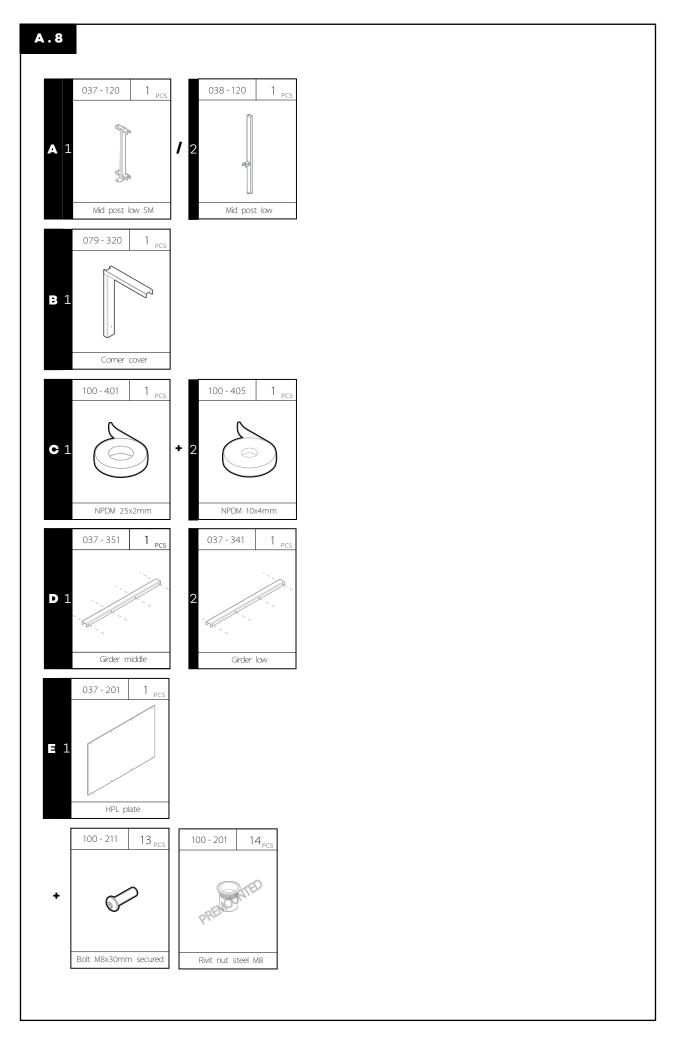


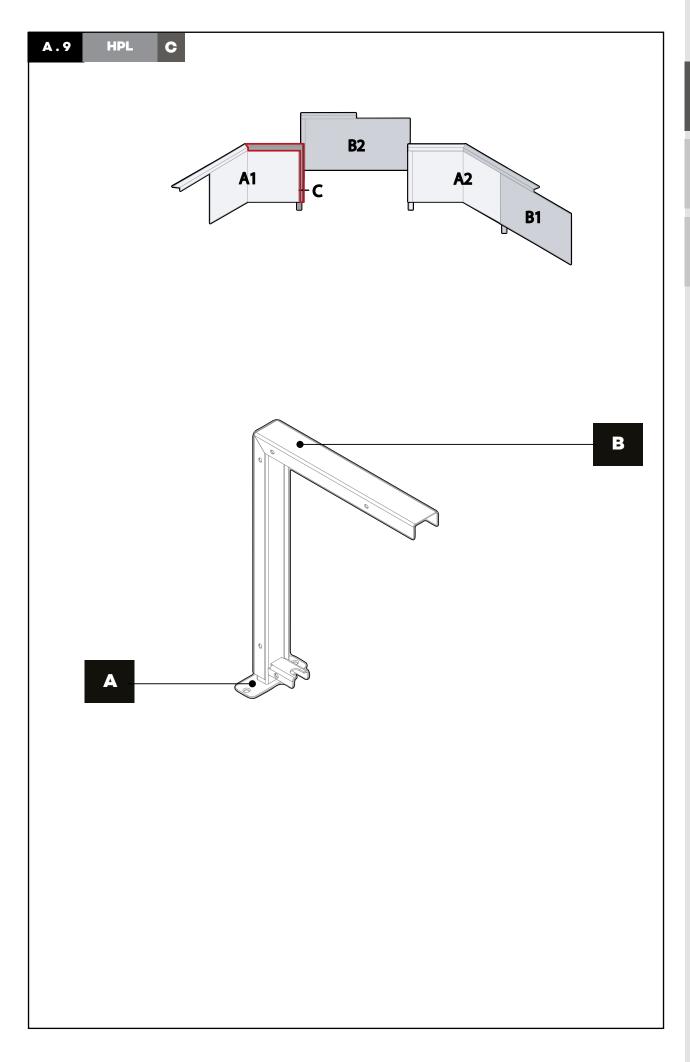


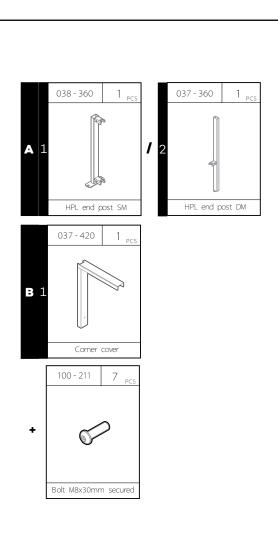


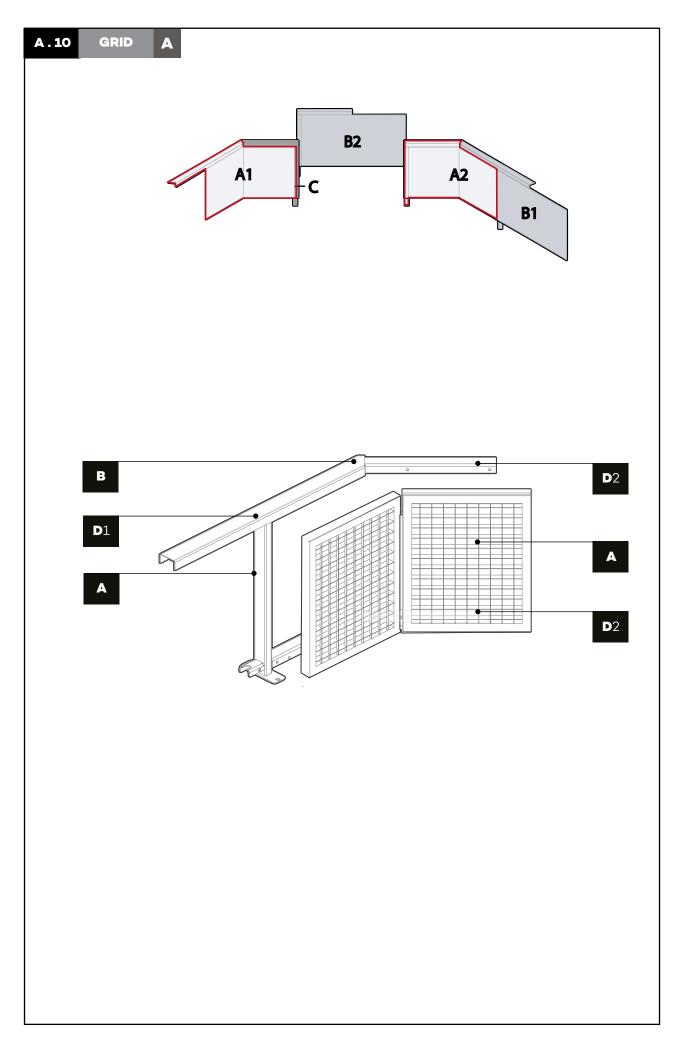


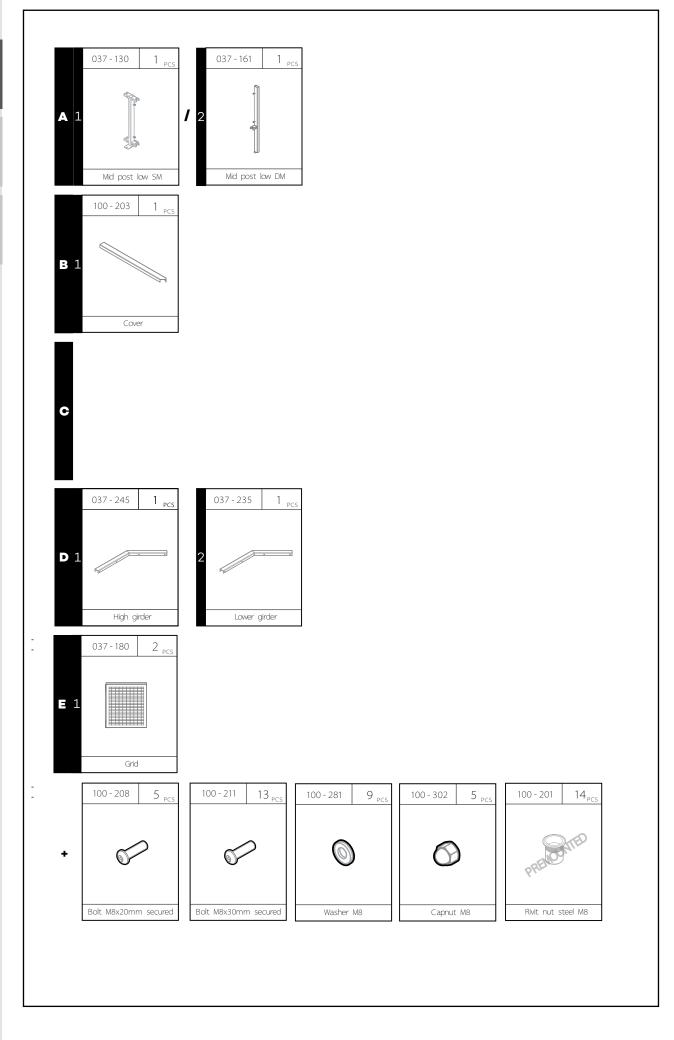


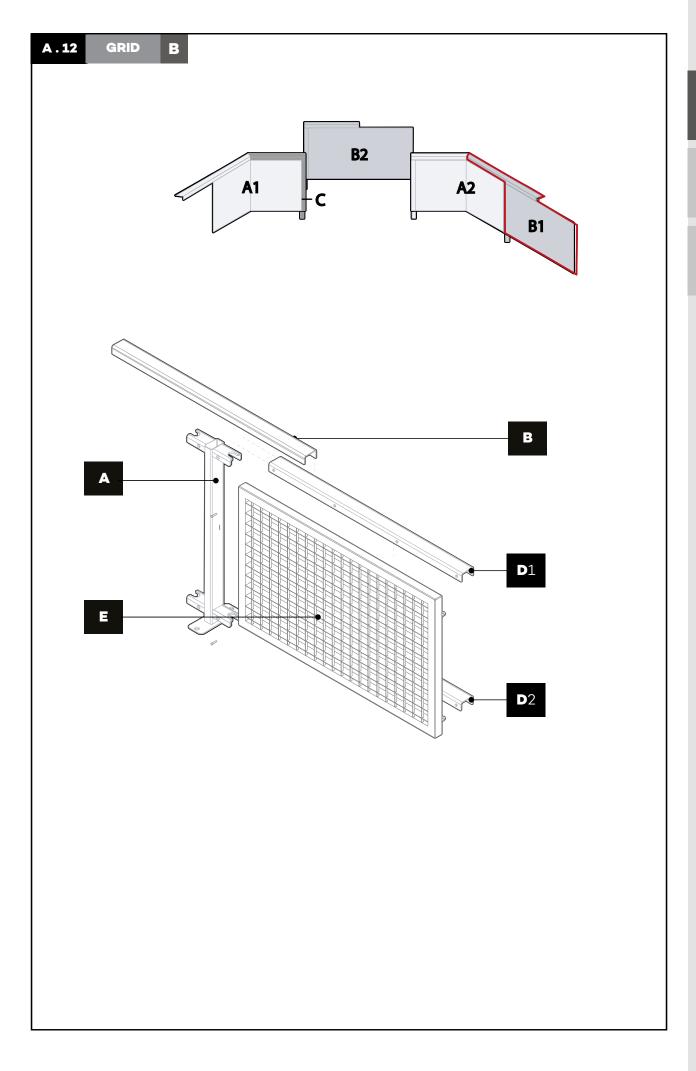


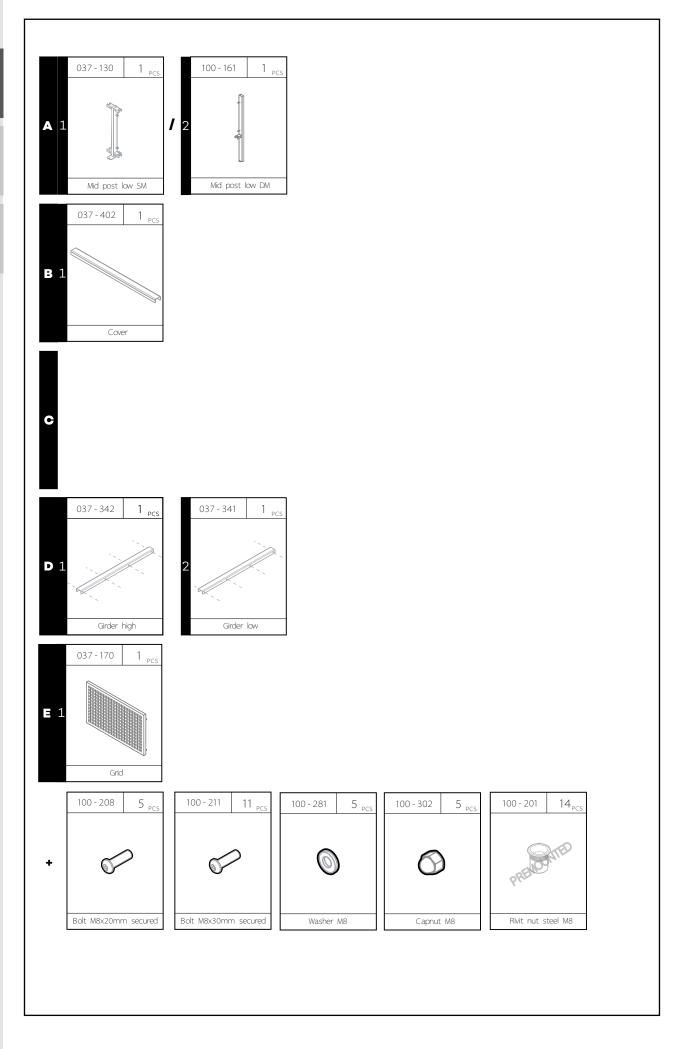


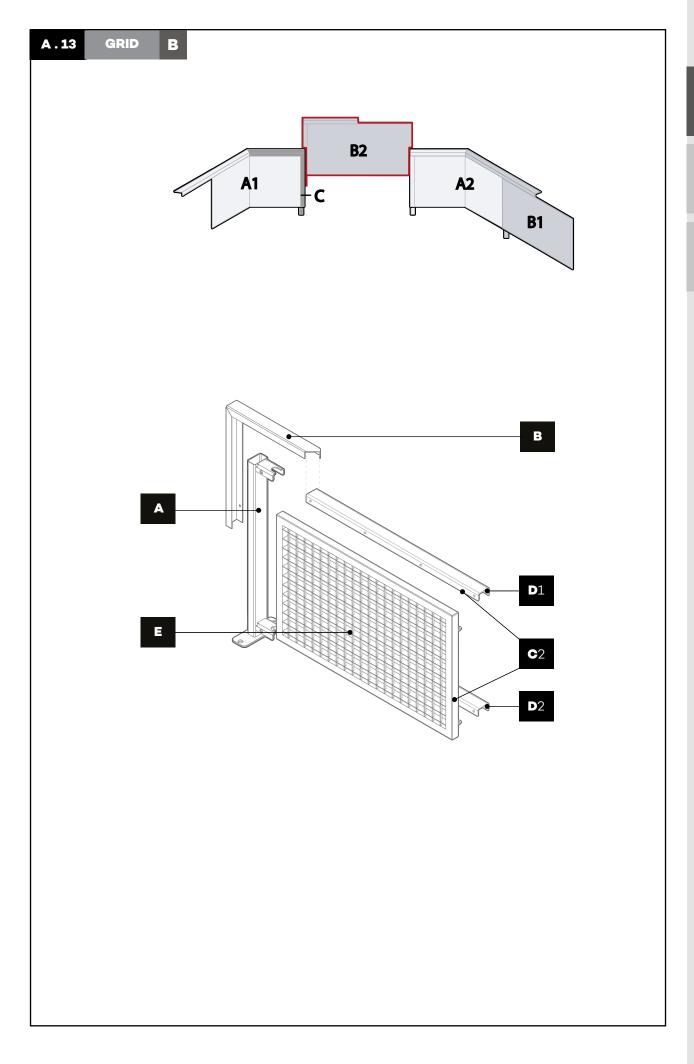


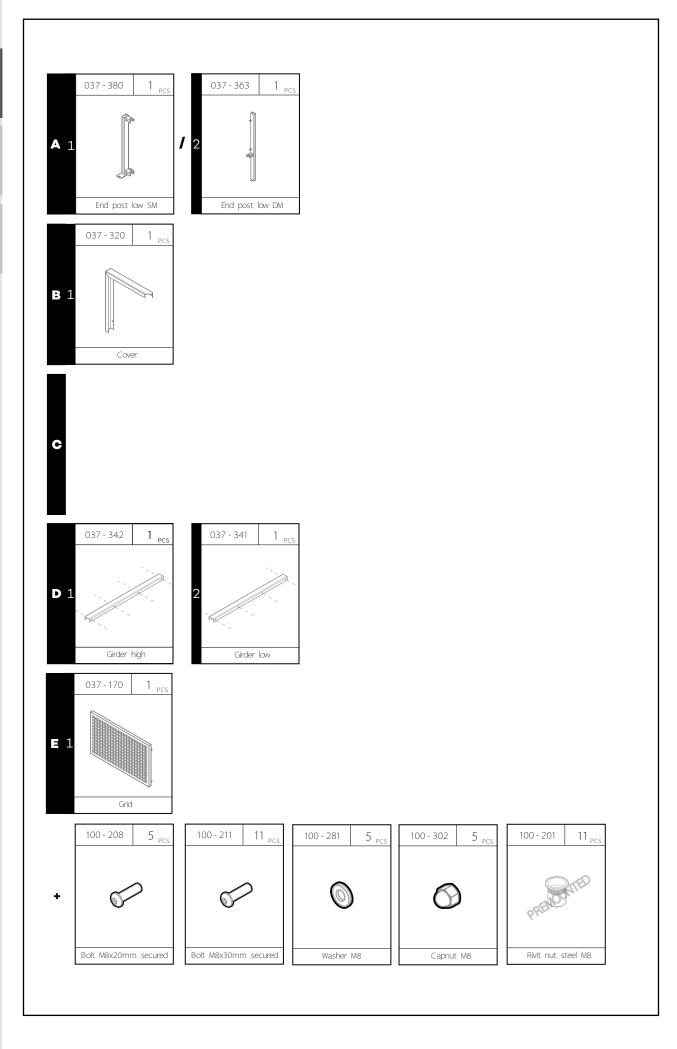


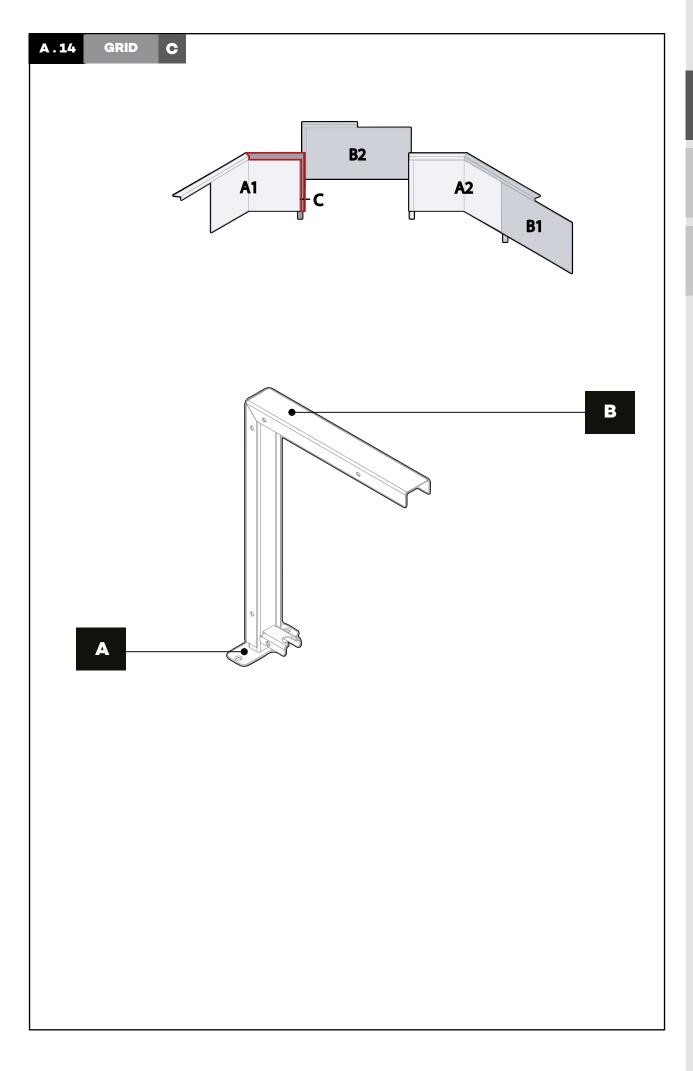


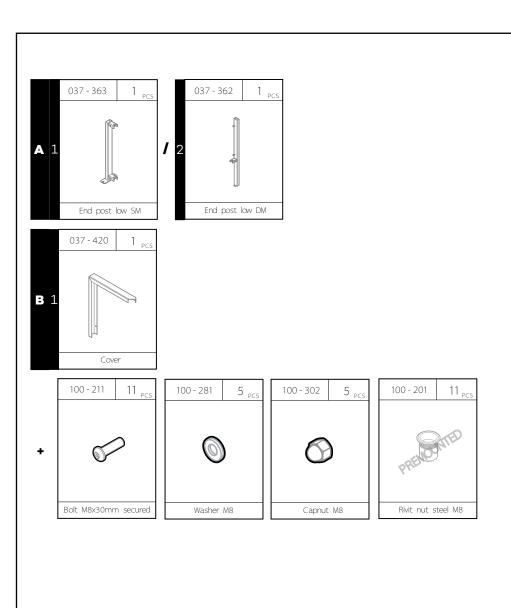


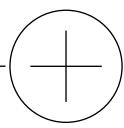


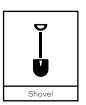








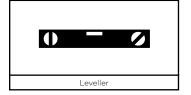














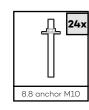








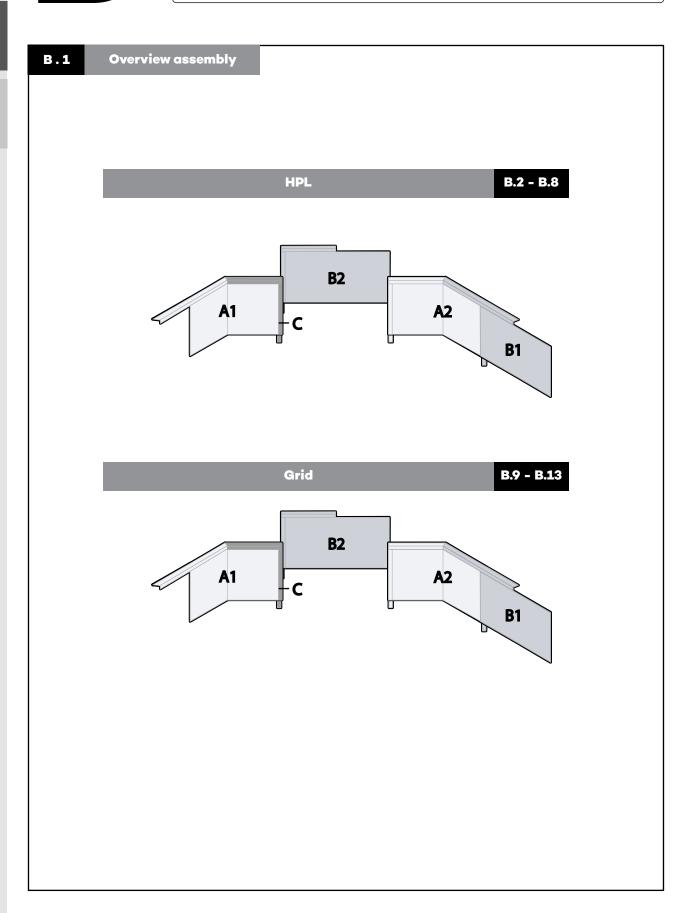


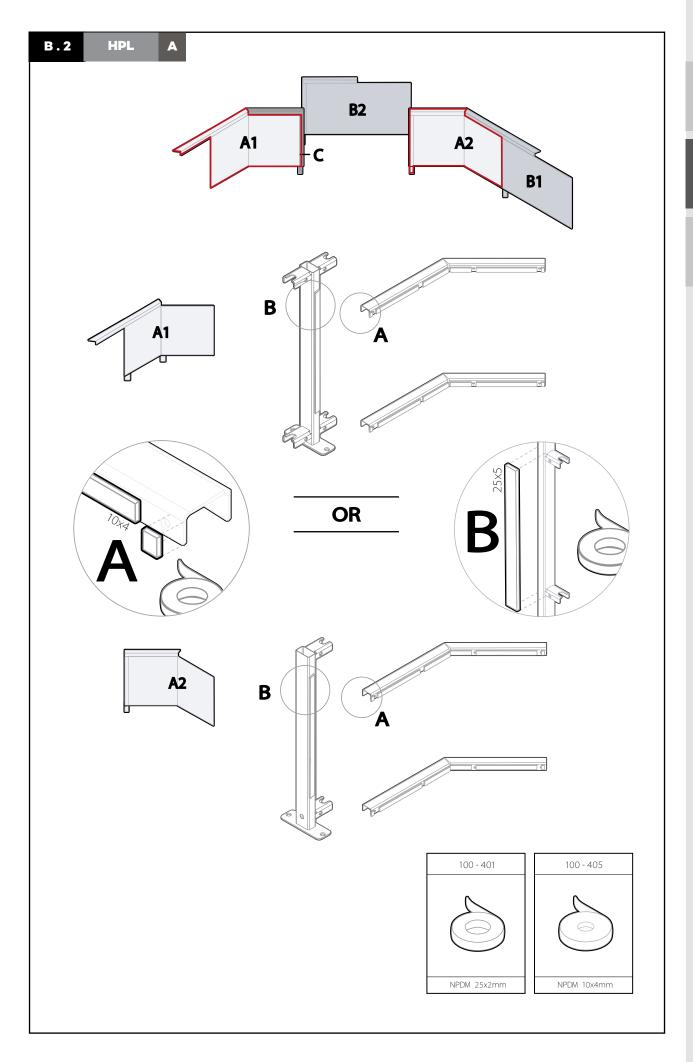


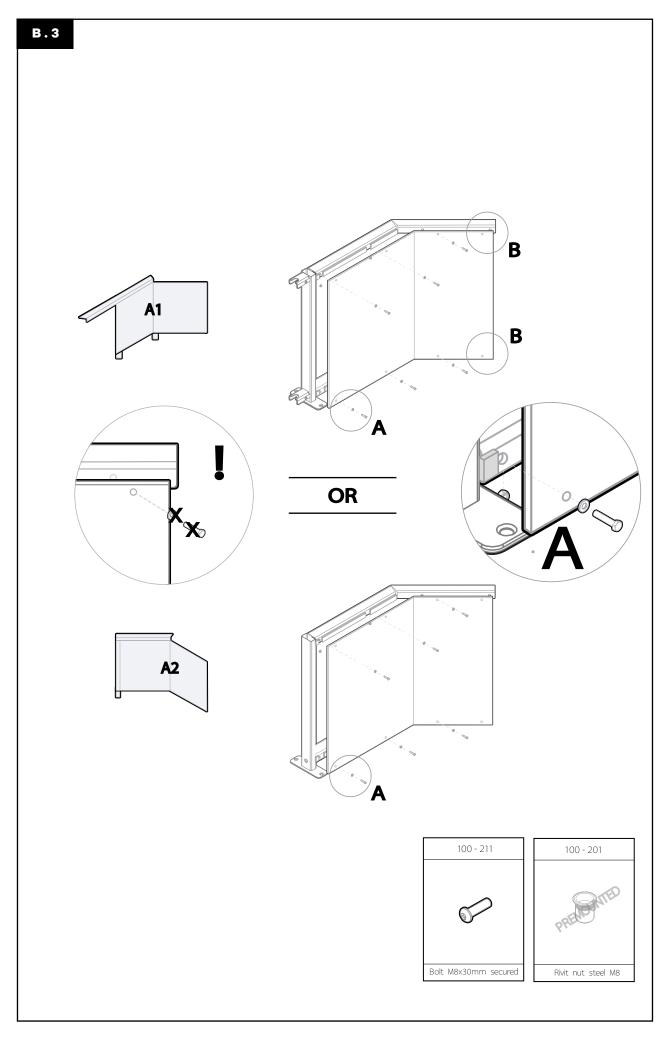


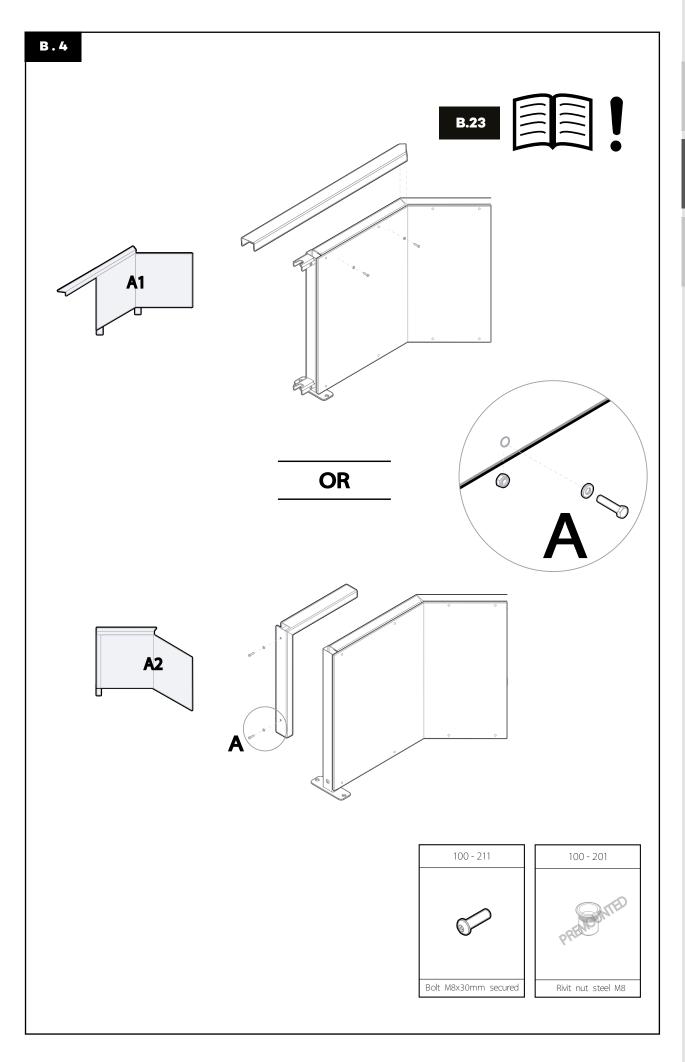
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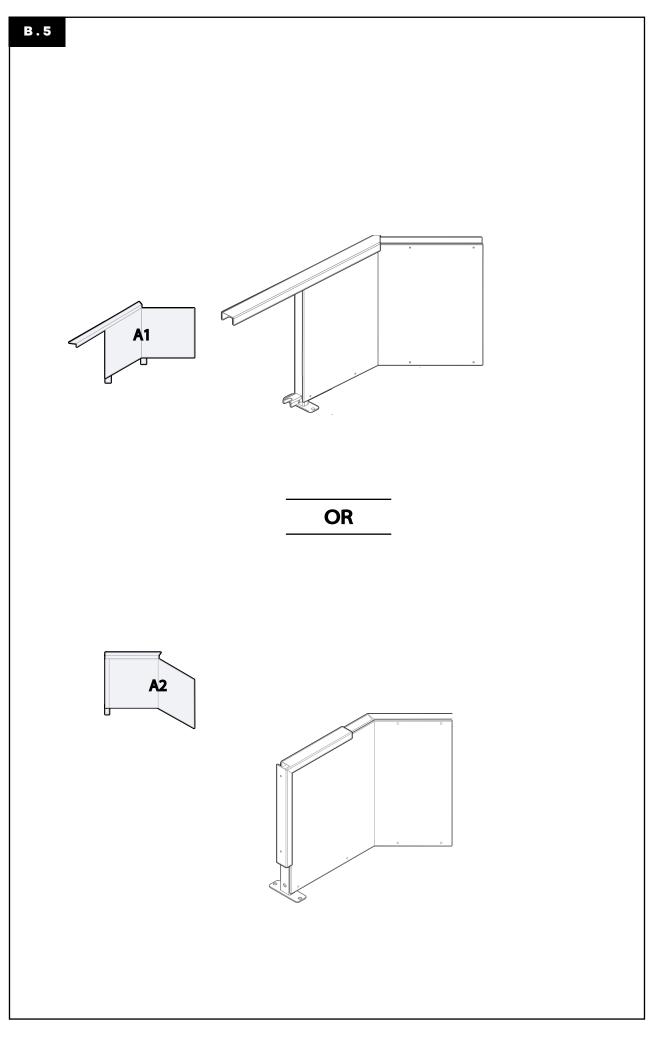


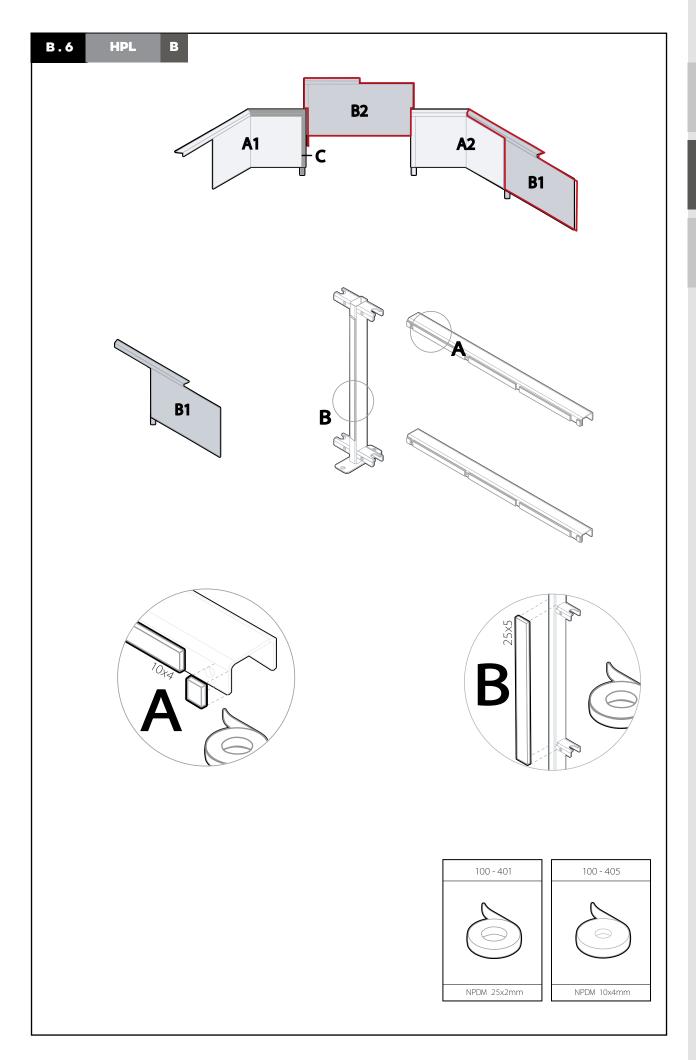


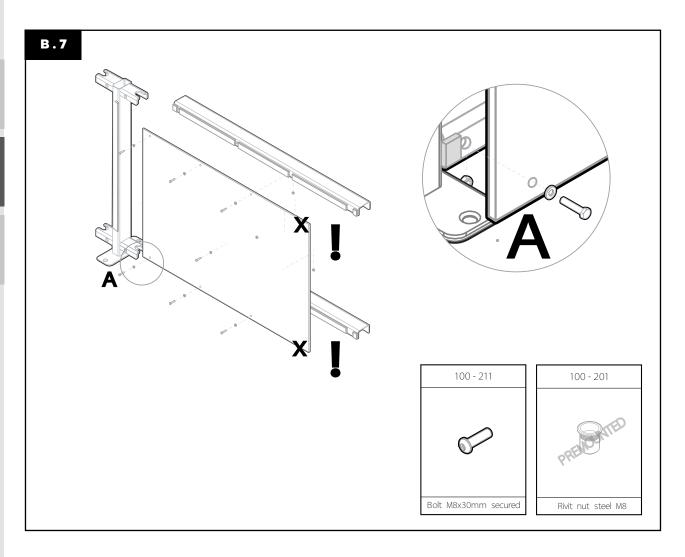


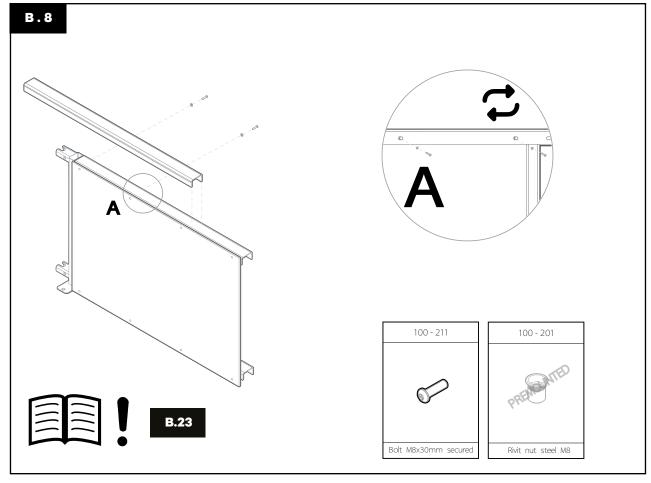


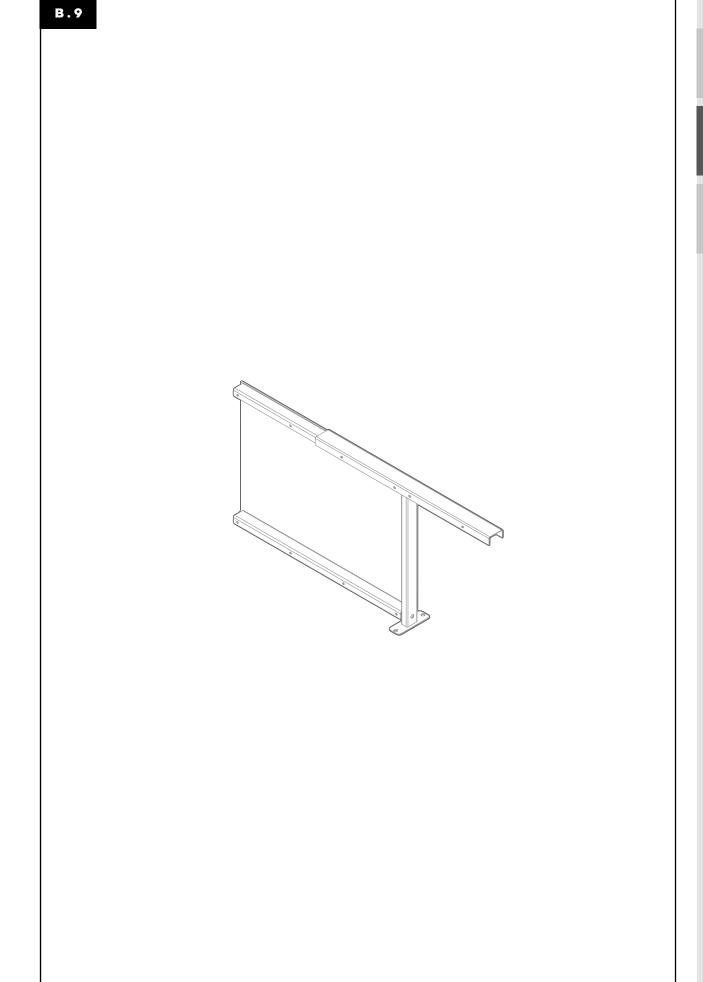


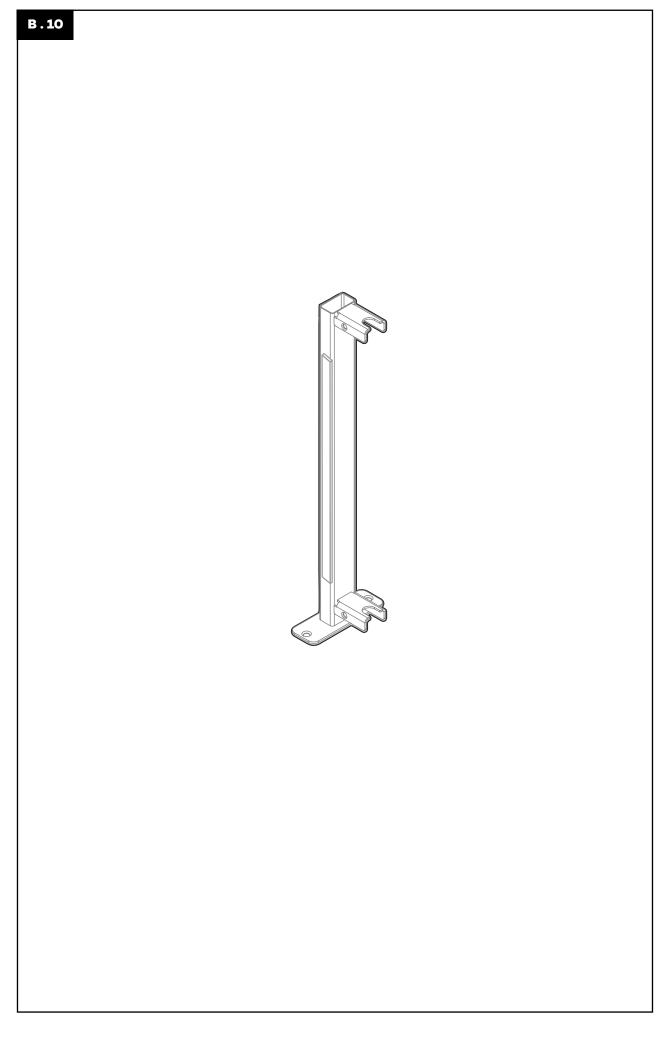


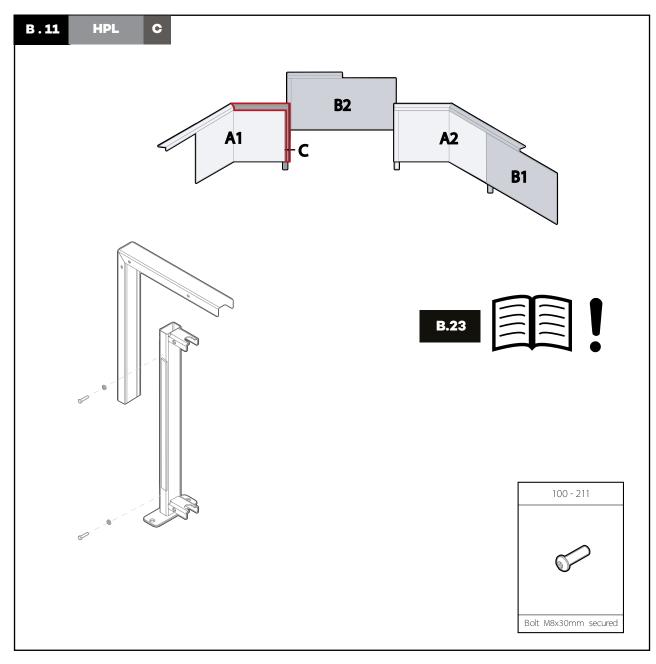


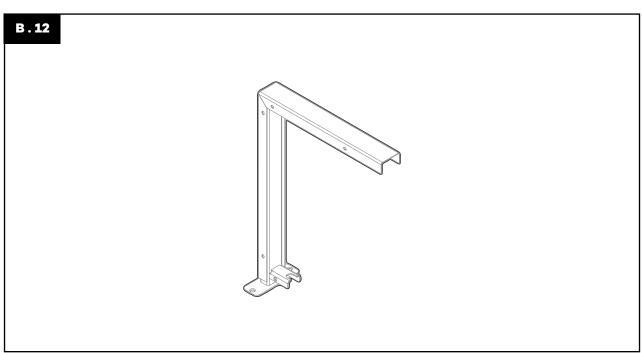


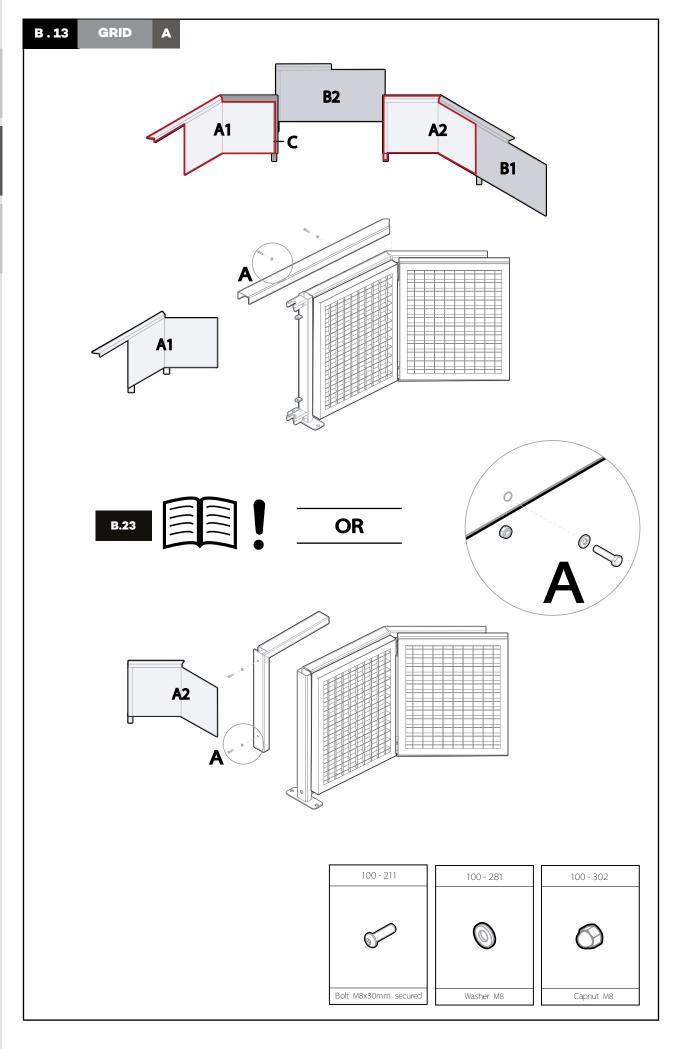


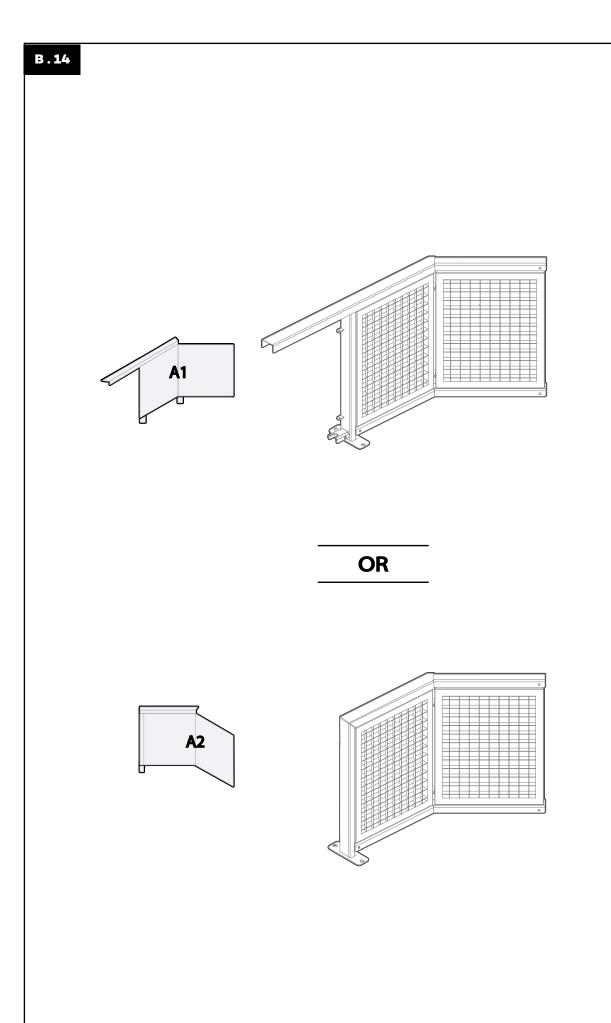


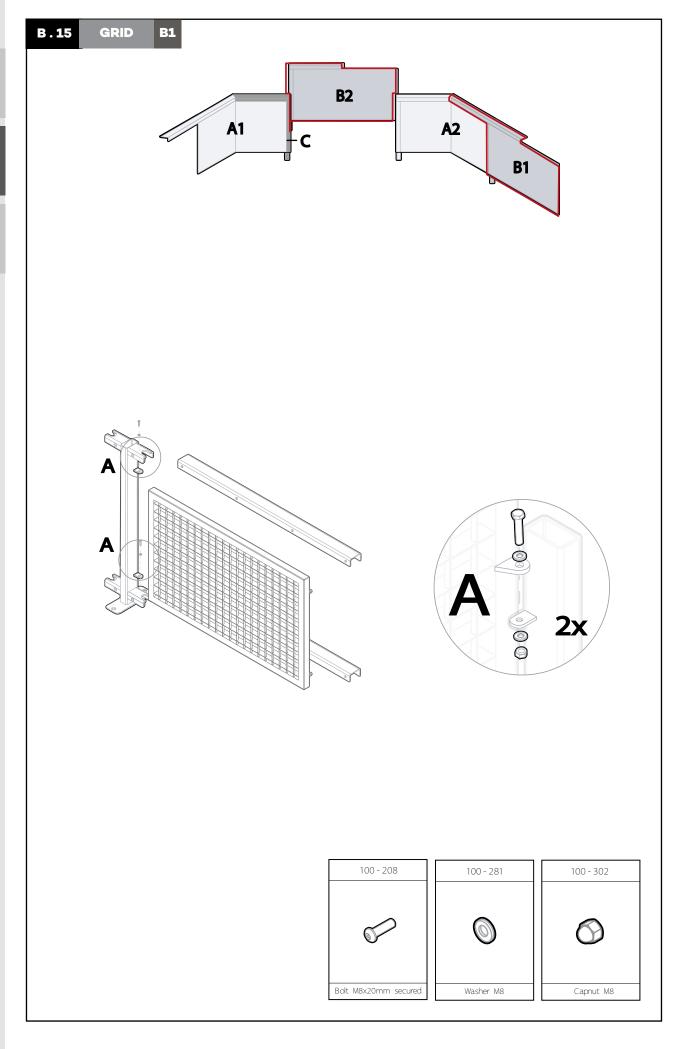


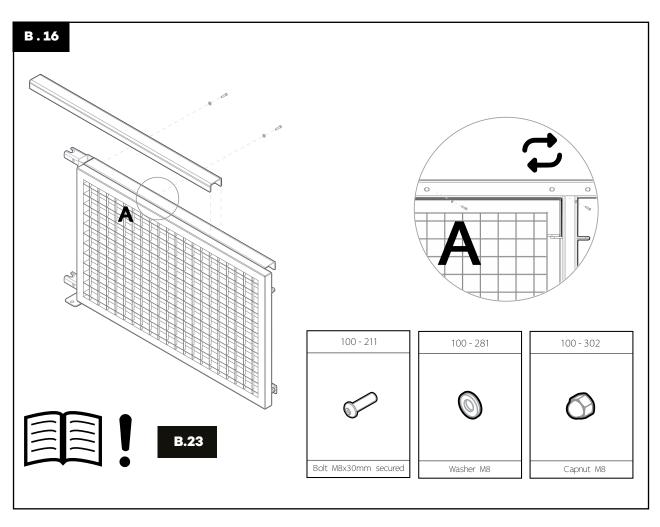


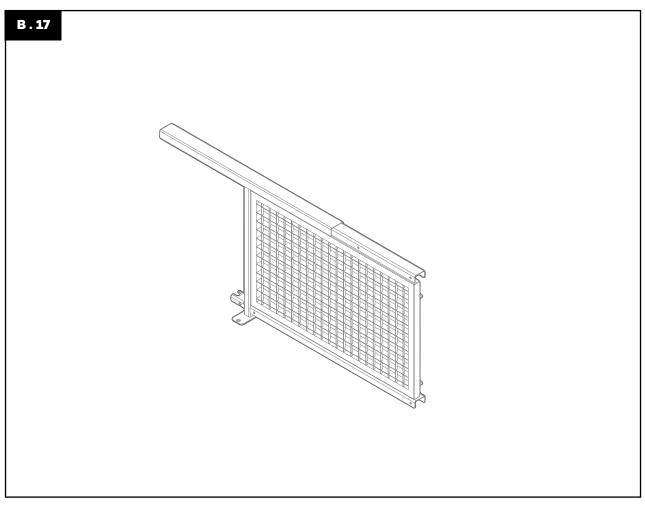


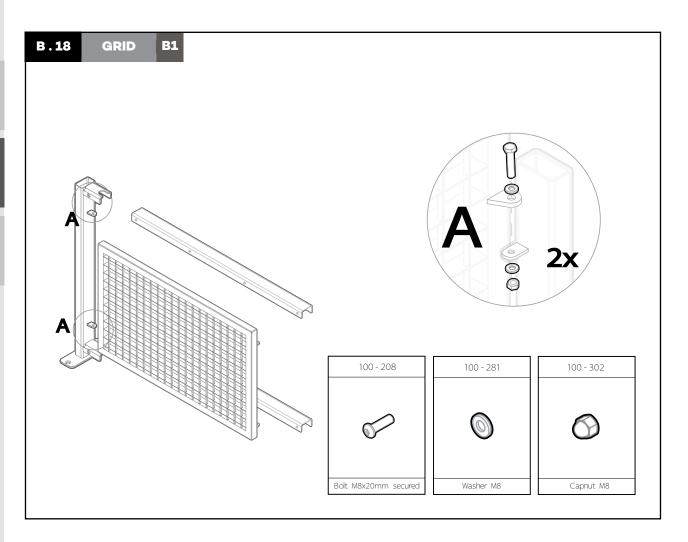


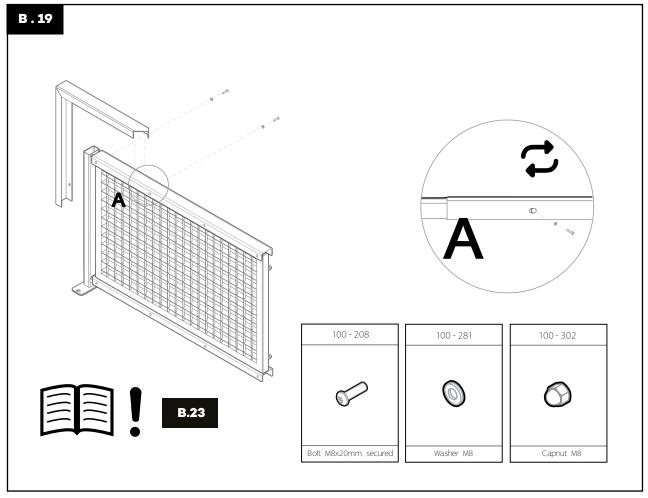






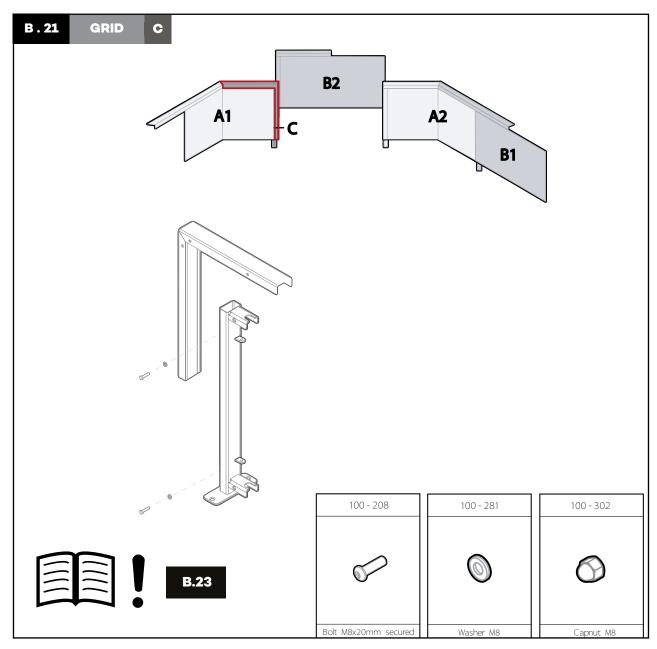


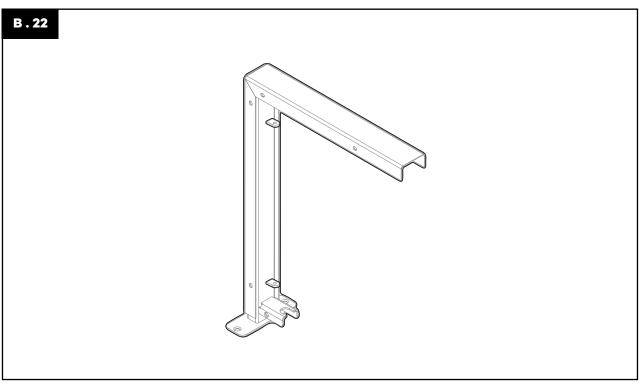




В

C



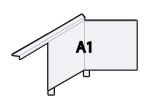


A

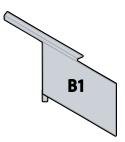
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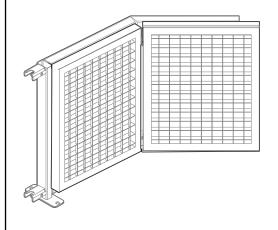
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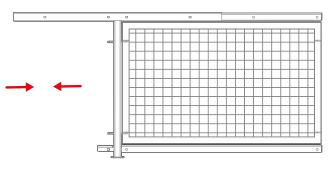
! This is an example of conecting the boarding. HPL and grid both have the same mounting principles!

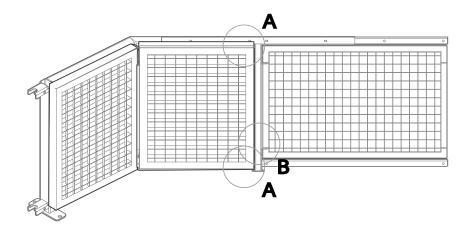


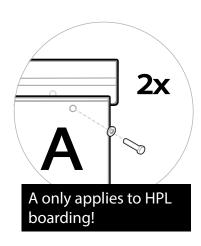
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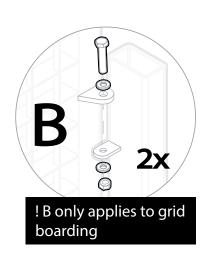


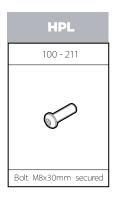


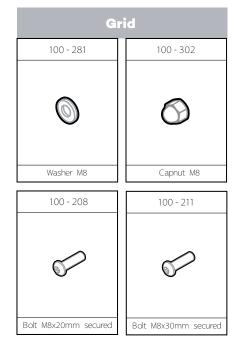


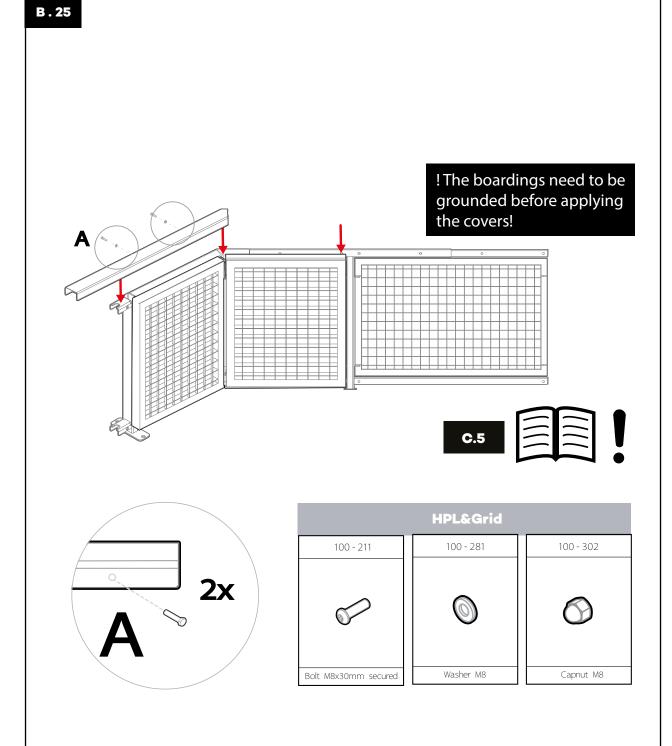


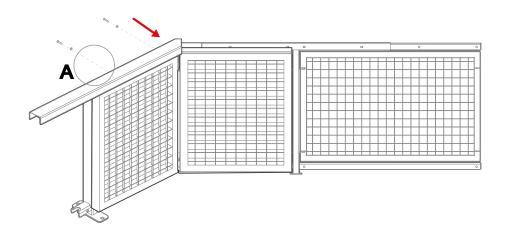


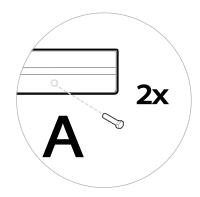




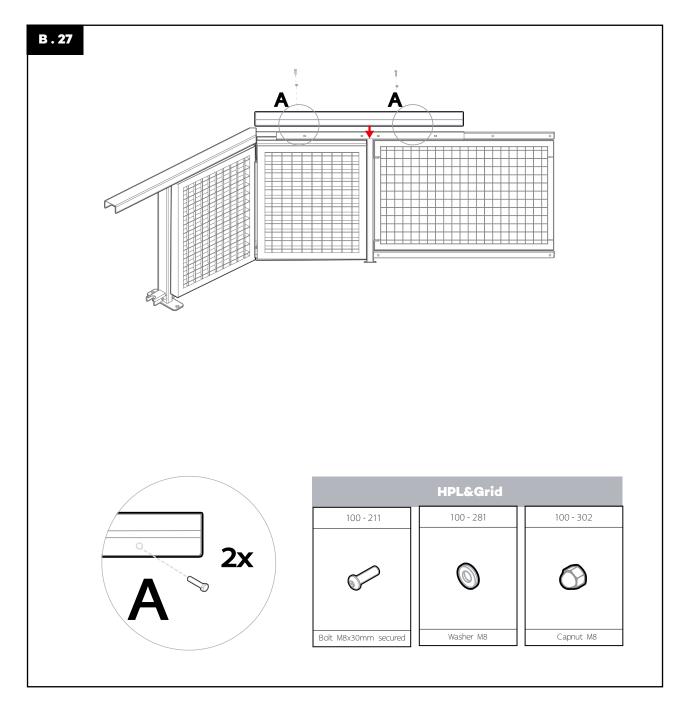


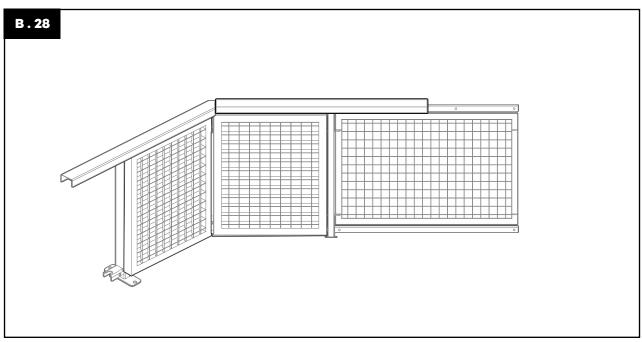


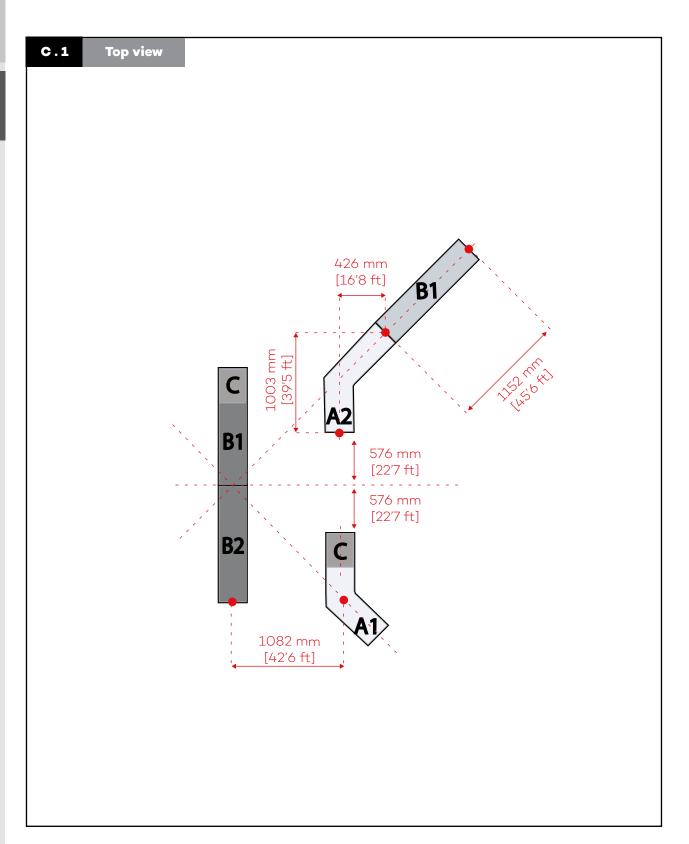


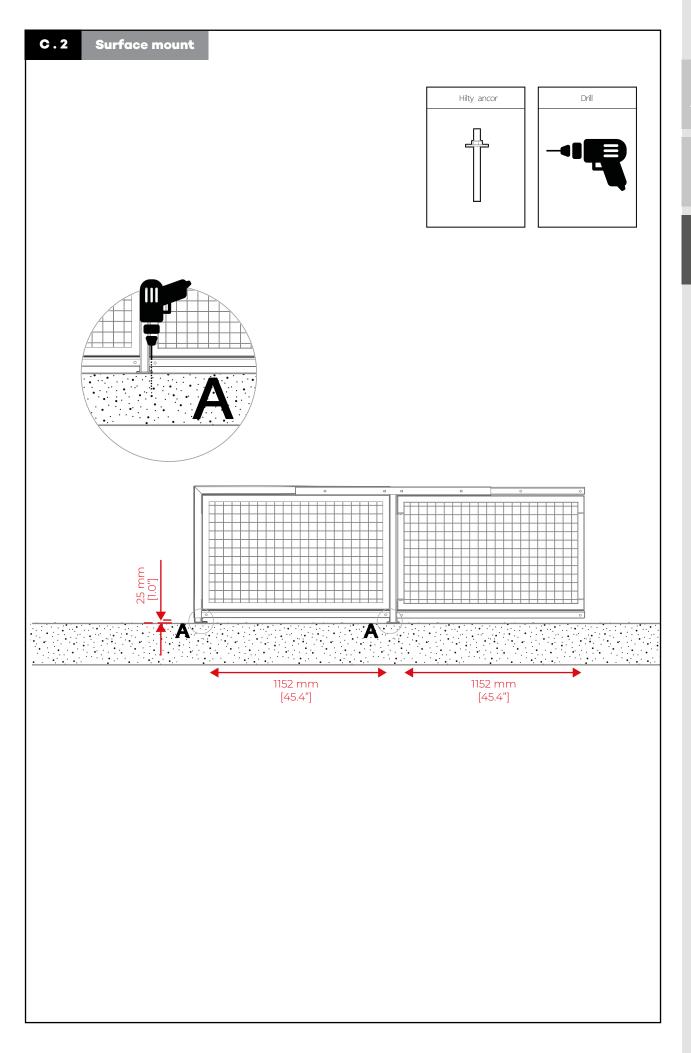


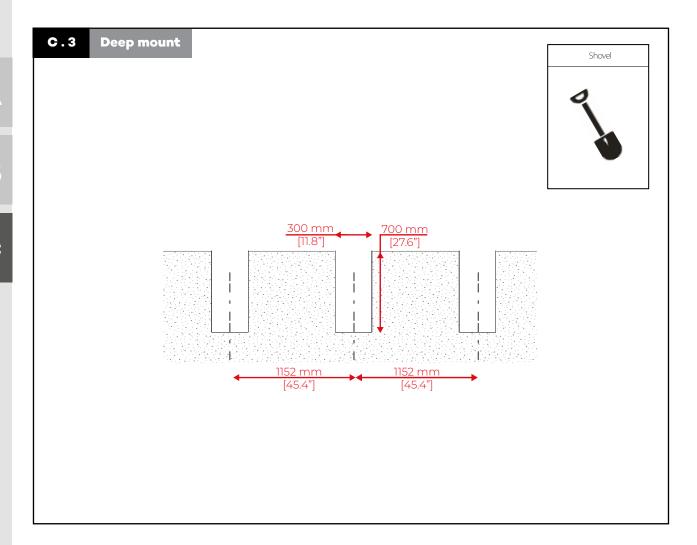
HPL&Grid					
100 - 211	100 - 281	100 - 302			
		0			
Bolt M8x30mm secured	Washer M8	Capnut M8			

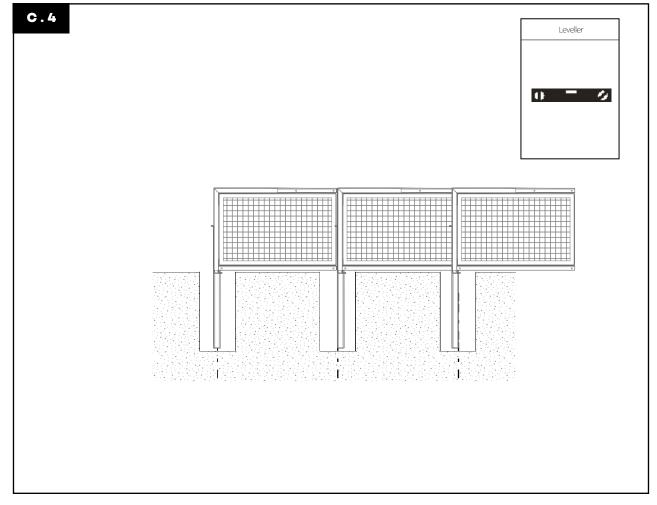


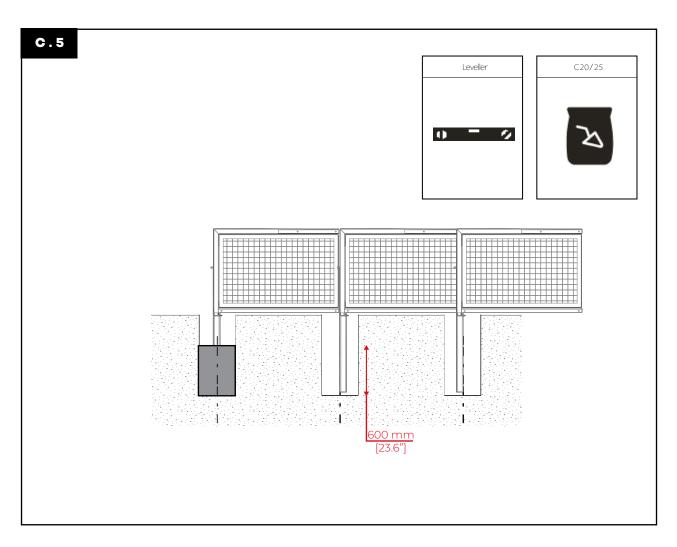


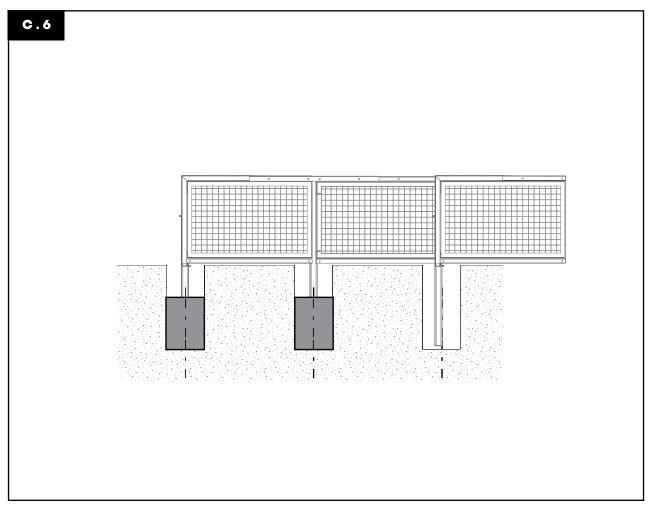


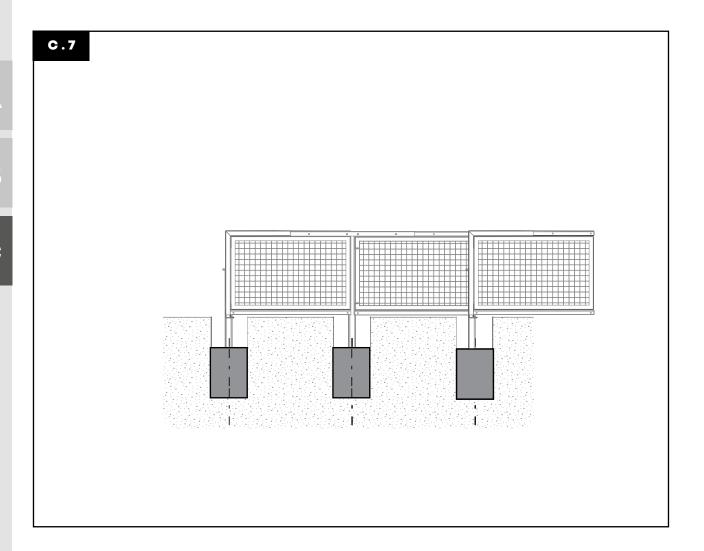


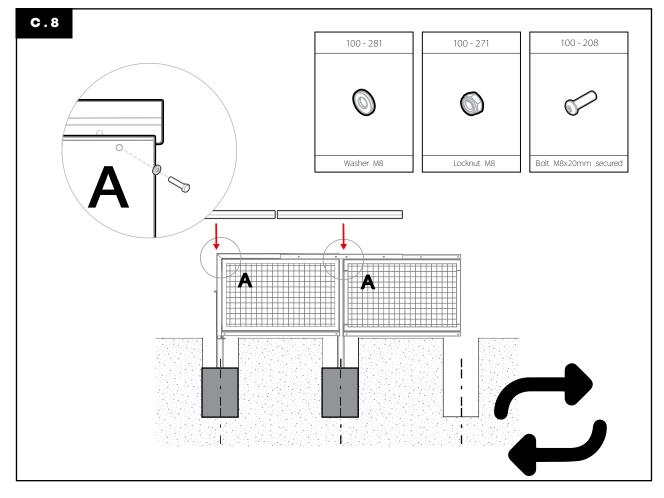


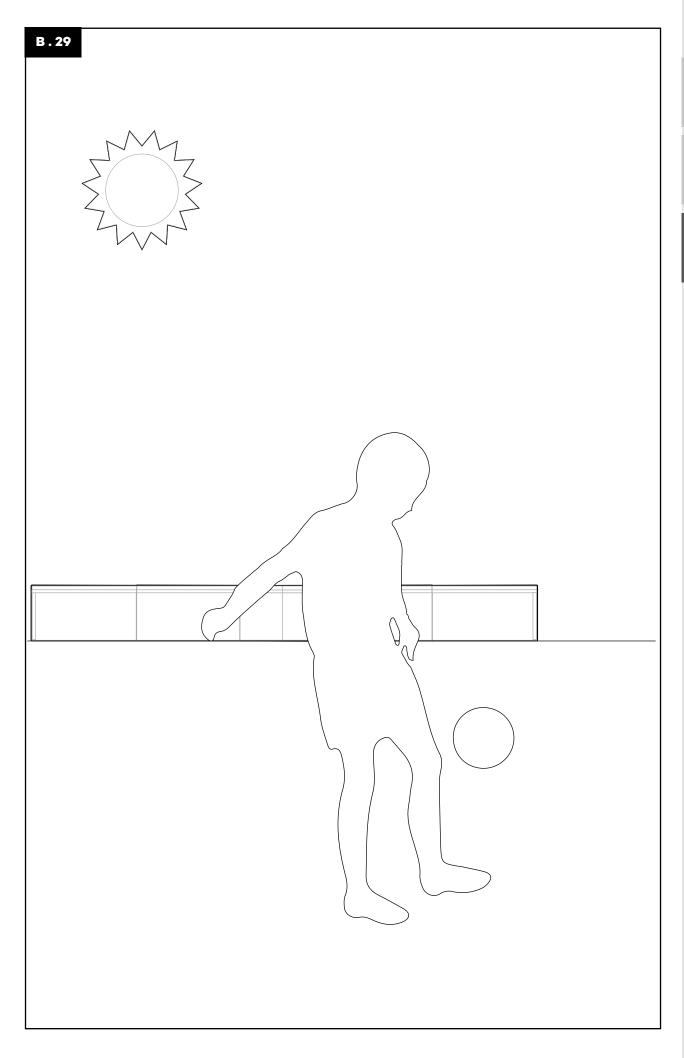












### **DISCLAIMER**

This installation manual is for informational purposes only. The products described herein may be changed without prior notice.

This installation manual does not provide information on all possible product variations or accidental occurrences that may arise during the installation, use, or maintenance of the product.

Lappset has made every effort to ensure that this installation manual is accurate.

Lappset accepts no liability for any inaccuracies or omissions in this installation manual.

Lappset makes no representations or warranties regarding this installation manual or the products described herein.

Lappset is not liable for any damage, loss, costs, or expenses, whether direct, indirect, or incidental,

arising from or related to the use of this installation manual or the products described herein.

If more information is desired, or if problems arise that are not adequately addressed, or if you find information in this installation manual that is incorrect, misleading, or incomplete, we would greatly appreciate your comments and suggestions.

**WARNING** Important information! Failing to read this document can lead to serious injury and/or damage to the product.

 Please read this installation manual carefully and completely before installing the product.
 Follow each installation step carefully.
 Use common sense in installing this product.
 Contact us if you are unsure about the installation.

Keep this manual for future reference.

### **FEATURES AND PARTS**

#### PRODUCT FEATURES

Description	Metric	Imperial		
Model				
Model	Flag A1			
Model nr.	037-200			
Country of Origin	Made in the Netherlands			
Transport				
Pallet material	Pinewood			
Dimensions				
Installed boarding (LxBxH)	1.57 x 0.5 x 0.8 m	61.8 × 19.68 × 31.5"		
Weight				
Net weight boarding HPL surface mount	25.9 kg	57 lbs		
Net weight boarding HPL deep mount	26.7 kg 58.9 lbs			
Net weight boarding grid, surface mount	37 kg 81.6 lbs			

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Net weight boarding grid, deep	37.8 kg	83.33 lbs
mount		

## PRODUCT FEATURES

Description	Metric	Imperial		
Model				
Model	Flag A2			
Model nr.	037-210			
Country of Origin	Made in the Netherlands			
Transport				
Pallet material	Pinewood			
Dimensions				
Installed boarding (LxBxH)	0.48 x 1.008 x 0.8 m	18.9 × 39.7 × 31.5"		
Weight				
Net weight boarding HPL surface mount	24 kg	52.9 lbs		
Net weight boarding HPL deep mount	24.8 kg	54.7 lbs		
Net weight boarding grid, surface mount	40.4 kg 89.1 lbs			
Net weight boarding grid, deep mount	41.2 kg 90.8 lbs			

# PRODUCT FEATURES

Description	Metric	Imperial
Model		
Model	Flag B1	
Model nr.	037-100	
Country of Origin	Made in the Netherlands	
Transport		
Pallet material	Pinewood	
Dimensions		
Installed boarding (LxBxH)	1.72 x 0,08 x 0.8 m	313 × 111 × 4"
Weight		
Net weight boarding HPL surface mount	25 kg	55.1 lbs
Net weight boarding HPL deep mount	25.8 kg	56.9 lbs

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Net weight boarding grid, surface mount	34 kg	74.9 lbs
Net weight boarding grid, deep	34.8 kg	76.7 lbs

# PRODUCT FEATURES

Description	Metric	Imperial		
Model				
Model	Flag B2			
Model nr.	037-300			
Country of Origin	Made in the Netherlands			
Transport				
Pallet material	Pinewood			
Dimensions				
Installed boarding (LxBxH)	1.172 x 0,08 x 0.8 m	313 × 111 × 4"		
Weight				
Net weight boarding HPL surface mount	26 kg	57.3 lbs		
Net weight boarding HPL deep mount	26.8 kg	59.1 lbs		
Net weight boarding grid, surface mount	34.1 kg	75.2 lbs		
Net weight boarding grid, deep mount	34.9 kg	76.9 lbs		

### PRODUCT FEATURES

EN

Description	Metric	Imperial	
Model			
Model	Flag C		
Model nr.	037-400		
Country of Origin	Made in the Netherlands		
Transport			
Pallet material	Pinewood		
Dimensions			
Installed boarding (LxBxH)	0.6 x 0,08 x 0.8 m	313 × 111 × 4"	
Weight			
Net weight boarding HPL surface mount	7 kg	15.4 lbs	

Net weight boarding HPL deep mount	7.8 kg	17.2 lbs
Net weight boarding grid, surface mount	7 kg	15.4 lbs
Net weight boarding grid, deep mount	7.8 kg	17.2 lbs

### STANDARDS

Standards			
Europe			
EN 15312			

### PARTS LIST

**WARNING** Never repair a defect without consulting Lappset.

**WARNING** Never replace parts with non-original Lappset parts. The Lappset product is certified as a complete product, where the parts have been carefully selected to ensure safety and quality.

EN

NL

Number	Description	Amount	Material	Treatment
037-200HPL (Flag A1)	HPL			
037-120 (surface mount)	Mid post low	1	Steel	HDG/powdercoat
038-120 (deep mount)	Mid post low	1	Steel	HDG/powdercoat
037-202	Corner cover	1	Steel	HDG/powdercoat
037-235	Lower corner girder	1	Steel	HDG/powdercoat
037-245	High corner girder	1	Steel	HDG/powdercoat
037-201	HPL plate 572,5x765 mm	2	HPL	
100-405	EPDM ZK Rubber 10 x 4 mm, per m	3.3	EPDM	
100-401	EPDM ZK Rubber 25 x 5 mm, per m	1.75	EPDM	
100-211	Resistor x buttonhead M8x30	15	Steel	Lubocoat
100-201 (pre mounted)	Rivet nut steel PVK 1.5- 4.5 M8	15	Steel	Galvanized
100-509	TEC7 Black Sealant (per meter, front and back) 3Mtr. Per tube	1.5		

Number	Description	Amount	Material	Treatment
037-210HPL (Flag A2)	HPL			
037-235	Lower corner girder	1	Steel	HDG/powdercoat
037-245	High corner girder	1	Steel	HDG/powdercoat
037-290	Corner cover	1	Steel	HDG/powdercoat
037-361 (deep mount)	End post left low	1	Steel	HDG/powdercoat
037-360 (surface mount)	End post left low	1	Steel	HDG/powdercoat
037-201	HPL plate 572,5x765 mm	2	HPL	
	EPDM ZK Rubber 10 x 4	3.3	EPDM	
100-405	mm, per m			

Number	Description	Amount	Material	Treatment
037-200GR (Flag A1)	GRID			
037-161 (deep mount)	GR Mid post low	1	Steel	HDG/powdercoat
037-130 (surface mount)	GR Mid post low	1	Steel	HDG/powdercoat
037-180	GR Grid half corner	2	Steel	HDG/powdercoat
037-181	GR Connector	4	Steel	HDG/powdercoat
037-203	GR Corner cover	1	Steel	HDG/powdercoat
080-235	GR corner lower girder	1	Steel	HDG/powdercoat

080-245	GR corner upper girder	1	Steel	HDG/powdercoat
100-211	Resistor x buttonhead M8x30	13	Steel	Galvanized
100-208	Resistor x buttonhead M8x20 Dri-Loc 2045	5	Steel	Galvanized
100-201	Rivet nut Steel PVK 1.5- 4.5 M8	11	Steel	Galvanized
100-302	Capnut D1587 A2 M8	5	Stainless	
100-281 A2	Washer D125A A2 M8	9	Stainless	

ΕN

П

Number	Description	Amount	Material	Treatment
037-500GR (Flag A2)	GRID			
037-180	GR Grid Half corner	2	Steel	HDG/powdercoat
037-181	GR Connector grid corner	4	Steel	HDG/powdercoat
080-235	GR corner lower girder	1	Steel	HDG/powdercoat
080-245	GR corner upper girder	1	Steel	HDG/powdercoat
037-295	Corner cover end left	1	Steel	HDG/powdercoat
037-140 (surface mount)	Post grid low	1	Steel	HDG/powdercoat
037-150 (deep mount)	Post grid low	1	Steel	HDG/powdercoat
100-211	Resistor x buttonhead M8x30	13	Steel	Galvanized
100-208	Resistor x buttonhead M8x20 Dri-Loc 2045	5	Steel	Galvanized
100-201	Rivet nut Steel PVK 1.5-4.5 M8	11	Steel	Galvanized
100-302	Cap nut D1587 A2 M8	5	Stainless	
100-281 A2	Washer D125A A2 M8	9	Stainless	
Number	Description	Amount	Material	Treatment
037-100GR (Flag B1)	GRID			
037-161 (deep mount)	GR Mid post low	1	Steel	HDG/powdercoat
037-130 (surface mount)	GR Mid post low	1	Steel	HDG/powdercoat
037-170	GR Grid low	1	Steel	HDG/powdercoat
037-341	GR uppergirder	1	Steel	HDG/powdercoat
037-342	GR lower girder	1	Steel	HDG/powdercoat
037-402	GR cover	1	Steel	HDG/powdercoat
100-211	Resistor buttonhead M8x30	11	Steel	Galvanized
100-208	Resistor x buttonheadM8x20 Dri-Loc 2045	5	Steel	Galvanized
100-201	Rivet nut Steel PVK 1.5-4.5 M8	11	Steel	Galvanized
100-302	Capnut D1587 A2 M8	5	Stainless	
100-281 A2	WasherD125A A2 M8	5	Stainless	
Number	Description	Amount	Material	Treatment
037-300GR (Flag B2)	GRID			
037-170	GR Grid low	1	Steel	HDG/powdercoat

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037-341	GR Upper girder	1	Steel	HDG/powdercoat
037-342	GR Lower girder	1	Steel	HDG/powdercoat
037-380 (surface mount)	GR Endpost grid	1	Steel	HDG/powdercoat
037-363 (deep mount)	GR Endpost grid	1	Steel	HDG/powdercoat
080-320	GR Endcover	1	Steel	HDG/powdercoat
100-211	Resistor x buttonhead M8x30	11	Steel	Galvanized
100-208	Resistor x button head M8x20 Dri-Loc 2045	5	Steel	Galvanized
100-201	Rivet nut Steel PVK 1.5-4.5 M8	11	Steel	Galvanized
100-302	Cap nut D1587 A2 M8	5	Stainless	
100-281 A2	Washer D125A A2 M8	5	Stainless	
Number	Description	Amount	Material	Treatment
037-400GR (Flag C)	GRID			
037-370 (surface mount)	GR End post grid	1	Steel	HDG/powdercoat
037-362 (deep mount)	GR End post grid	1	Steel	HDG/powdercoat
080-420	GR End cover left	1	Steel	HDG/powdercoat
100-211	Resistor x buttonhead M8x30	11	Steel	Galvanized
100-201	River nut Steel PVK 1.5-4.5 M8	11	Staal	Galvanized
	1	1		
100-302	Cap nut D1587 A2 M8	5	Stainless	
100-302 100-281 A2	Cap nut D1587 A2 M8 Washer D125A A2 M8	5	Stainless Stainless	

# NOT INCLUDED MATERIALS

Level
Allen key T50
Bit T50
Shovel
Tape measure
Cordless drill
Utility knive
Ground installation

Surface installation

Hammer drill

Chemical anchor (4000N) e.g. Hilti HIT 170 with 8.8 anchor M10 (in combination with C20/C25 concrete) 2 x M10 per post

### A. PREPARATION

**WARNING** Failing to take the proper precautions can result in accidents and/or damage.

**WARNING** Follow the manufacturer's safety instructions when using heavy equipment.

**CAUTION** Those who place or transport the product must wear the necessary safety clothing.

 Check the pallet for damage and/or loose parts before transportation. Report any damage or loose parts immediately to the supplier.
 The use of heavy equipment must be done by a certified individual.

Always use the provided pallet and transportation materials for transport.

Additional equipment may be needed to safely transport the product.

Ensure that the material used can support the weight and size of the product.

Unpack the product as close as possible to the final installation site to minimize damage during internal transport.

- **A.1** Standard combinations
- **A.2** Flag overview including weights
- **A.3** Amount of standard flags for building multiple combinations.

**A.4** to A.11 BOM of General Assembly of a Building Element HPL and Grid

**A.5** to A.9 shows the HPL parts out of which the various building blocks consist and where

these blocks are located in the assembly after installation.

**A.10** to A.14 show the Grid parts out of which the various building blocks consist and where these blocks are located in the assembly after installation.

 Note: This is only an example of assembly and serves as a general method for assembling the building elements. Further in the manual, each part of the building element is described separately.

**CAUTION** In this step, the elements B and F, mentioned in A.3 'General mounting example', are not yet installed. These elements will only be mounted at the end of the assembly, after all other parts have been connected.

**CAUTION** Those unpacking the product must wear the required protection and clothing.

**CAUTION** Do not unpack the product before it has arrived at the final installation site to prevent damage.

• Use a forklift or similar, to load and unload the pallets.

Check the product for damage and missing parts during unpacking.

Reuse and recycle the packaging material appropriately.

**WARNING** Assembly of the surface mount option is only possible if the surface consists of at least 15 cm of good quality concrete.

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**NOTICE** Before starting the assembly of all parts, carry out step C.2 of this manual and prepare the groundwork!!

- **B.1** Assembly overview.
- **B.2** HPL Flag A1 and A2: If necessary, degrease the metal parts and apply double-sided tape. Place the narrow tape (10x4) on the horizontal supports and the wider tape (25x5) on the uprights.
- **B.3** HPL Flag A1 and A2: Install 6 of the 8 assembly bolts as shown in the image.
  - Note: The last 2 bolts are applied when coupling the building blocks.
- **B.4** HPL Flag A1 and A2: Mount the covers on the uncovered flag
  - Note: Do this AFTER all the uncovered flags are mounted!
- **B.6** HPL Flag B: If necessary, degrease the metal parts and apply double-sided tape. Place the narrow tape (10x4) on the horizontal supports and the wider tape (25x5) on the uprights.
- **B.7** HPL Flag B: Install 6 of the 8 assembly bolts as shown in the image.
  - Note: The last 2 bolts are applied when coupling the building blocks.
- **B.8** HPL Flag B: Mount the covers on the uncovered flag
  - Note: Do this AFTER all the uncovered flags are mounted!
- **B.10** HPL Flag C: Install 6 of the 8 assembly bolts as shown in the image.
  - Note: The last 2 bolts are applied when coupling the building blocks.
- **B.11** HPL Flag C: Mount the covers on the uncovered flag
  - Note: Do this AFTER all the uncovered flags are mounted!
- **B.13** Grid HPL Mounting flags
- **B.14** GRID Flag A1 and A2: Connect the uprights at the top by mounting the horizontal bracket.

- **B.15** HPL Place the grille in this building block in advance. Install 6 of the 8 assembly bolts as shown in the image.
  - Note: The last 2 bolts are applied when coupling the building blocks.

**CAUTION** Tighten bolts carefully to prevent damaging the paint.

- **B.15** GRID Flag A1 and A2: Mount the covers on the uncovered flag
  - Note: Do this AFTER all the uncovered flags are mounted!
- **B.16** GRID Flag B: Install 6 of the 8 assembly bolts as shown in the image. Place grilles. Carefully hang the grilles to prevent damage to the paint. Place protective materials, such as cardboard or similar, between the grilles and the covers before placing the grilles.
  - Note: The last 2 bolts are applied when coupling the building blocks.

**CAUTION** Tighten bolts carefully to prevent damaging the paint.

- **B.17** GRID Flag B: Mount the covers on the uncovered flag
  - Note: Do this AFTER all the uncovered flags are mounted!
- **B.18** GRID Flag B1 C: Mount the covers on the uncovered flag
  - Note: Do this AFTER all the uncovered flags are mounted!
- **B.21** Connecting flags
- Note: This is an example of connecting the boarding. This example applies for both Grid as HPL, because both have the same mounting principles!
- Note: Always work from left to right!
- **B.23** Mount the flags together with 2 assembly bolts as shown in the image.
  - Note: ONLY for the Grid mount the grid to the post
- **B.24** After all building blocks are coupled, apply the covers. Ensure that the seams are evenly distributed and of equal size.

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