

# Lappset sportboarding HPL

290350-290363

290450-290465

*Installation instructions*

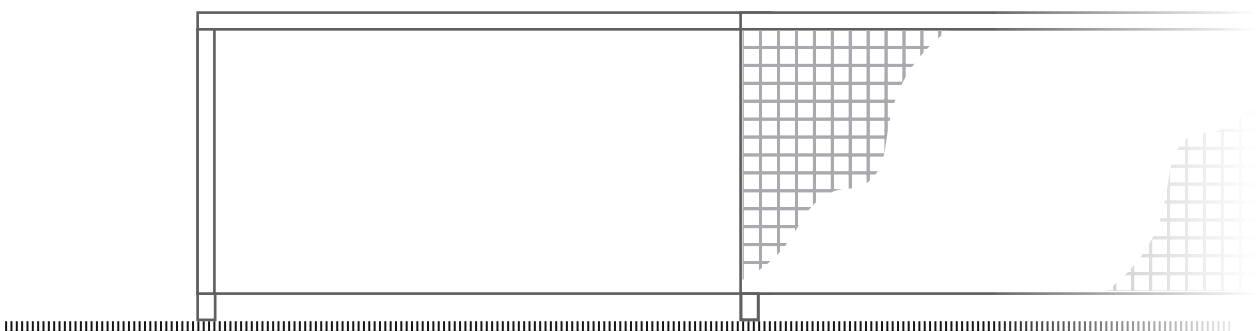
**EN**

*Installatievoorschrift*

**NL**

*Installationsanweisungen*

**DE**





### WARNING

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



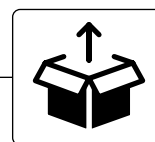
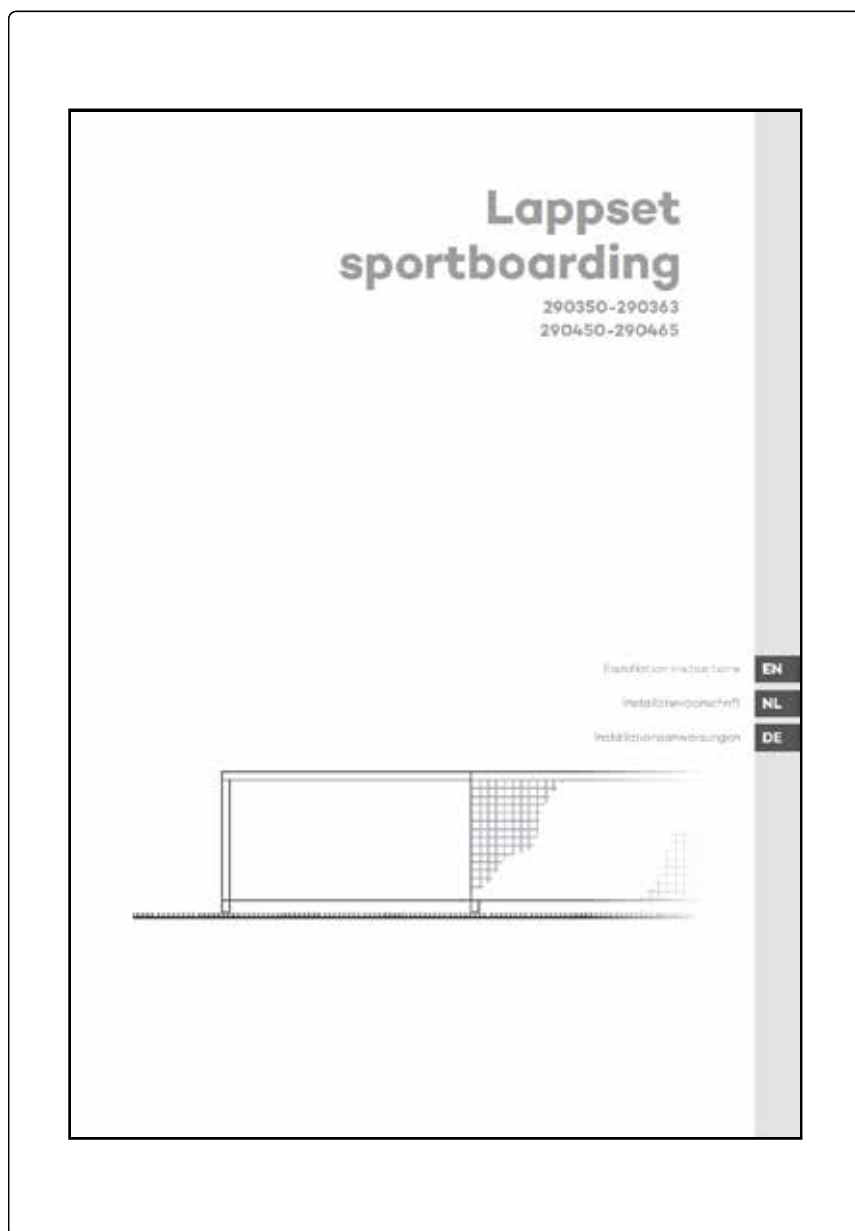
### WAARSCHUWING

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

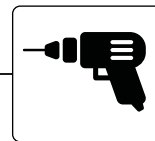


### WARNUNG

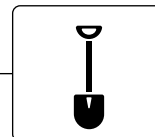
Bitte lesen Sie dieses Installationshandbuch durch, bevor Sie das Produkt installieren. Bewahren Sie dieses Handbuch zum späteren Nachschlagen auf.



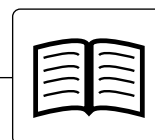
A



B



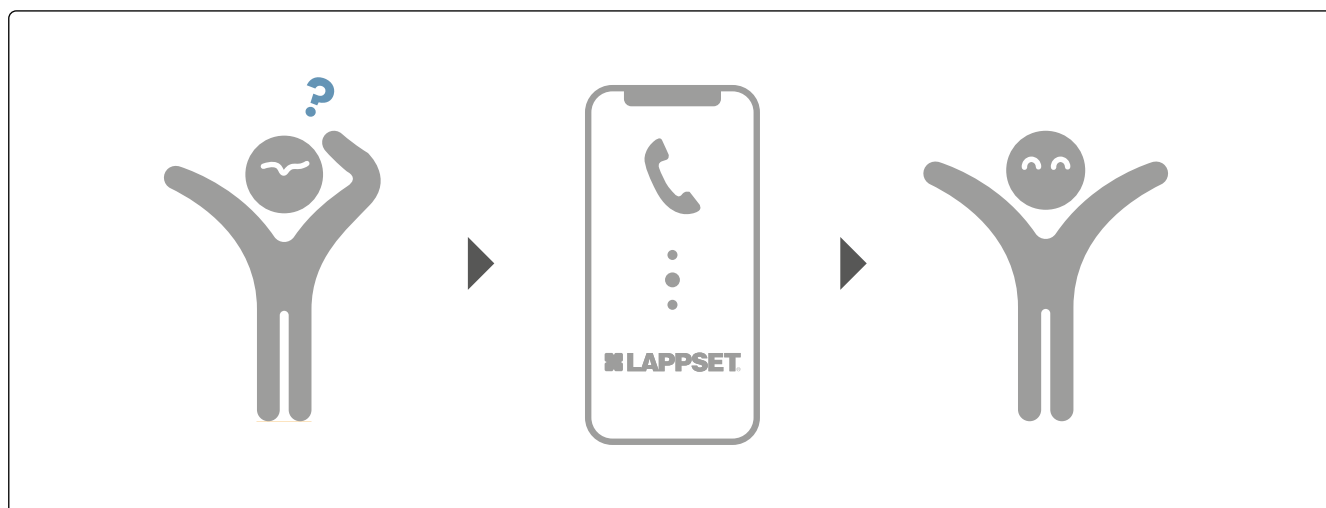
C



EN

NL

DE



A

A



B

C

A.1

Standard combinations

### Mounting options



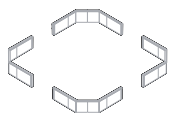
Deep  
mount

OR

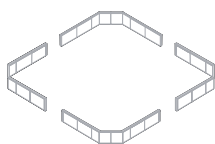


Surface  
mount

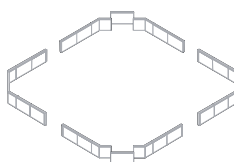
### Toro combinations



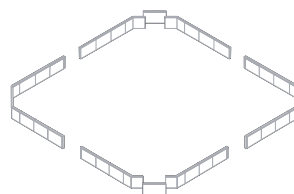
6.8m



9.1m

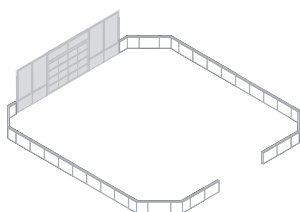


10.7m  
+entrance

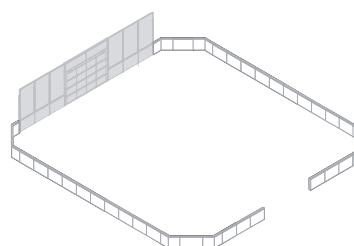


13m  
+entrance

### Sutu combinations



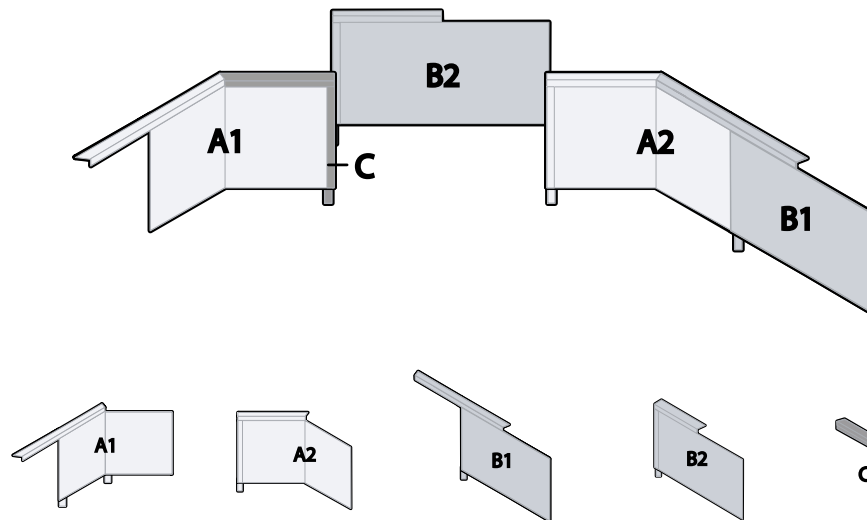
Plaza L



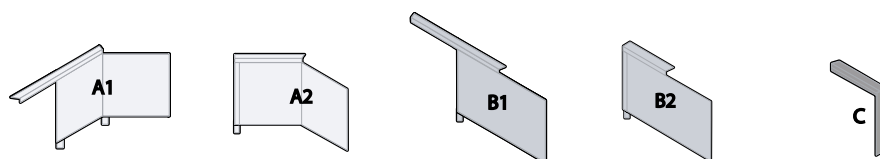
Plaza XL

The gray area is a separate document

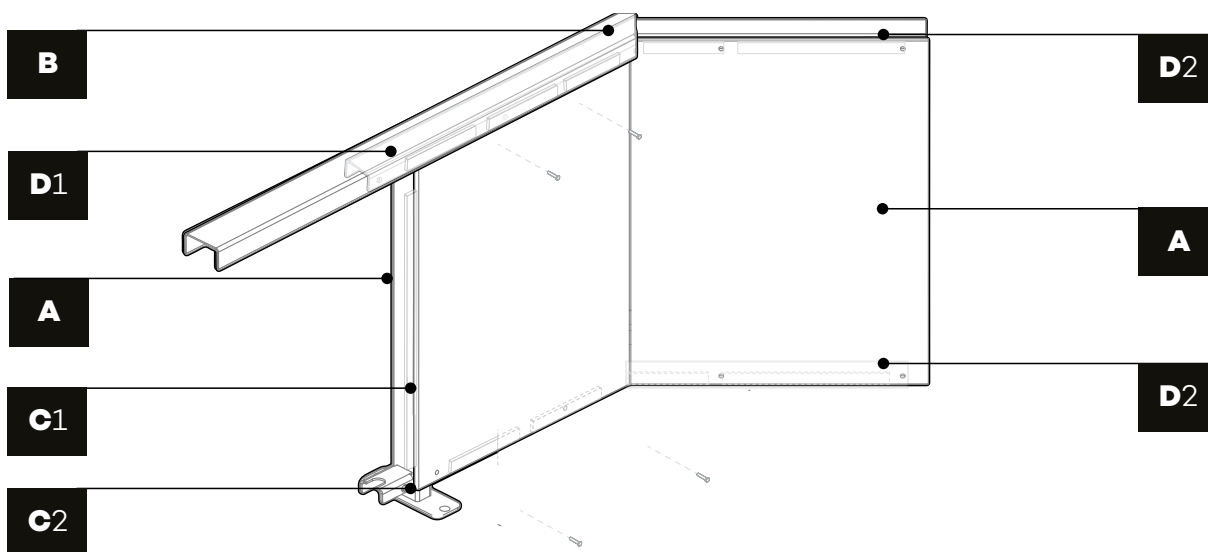
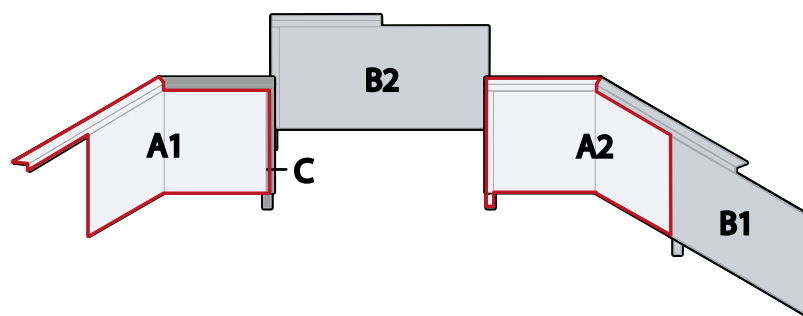




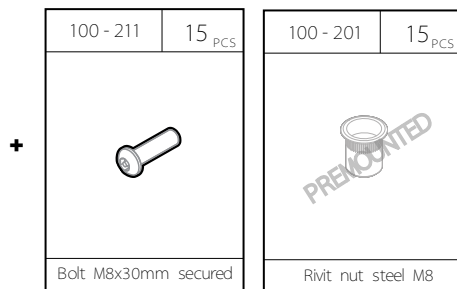
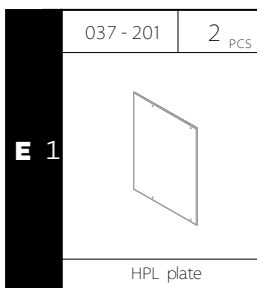
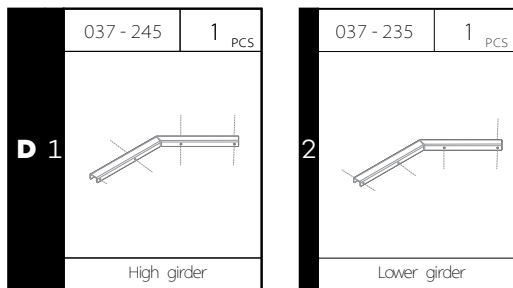
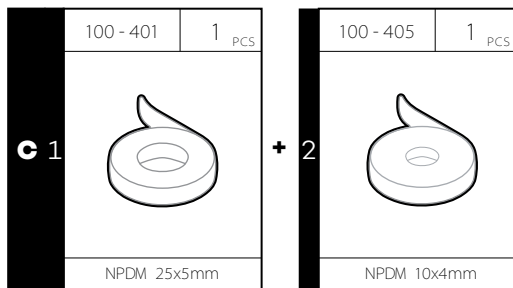
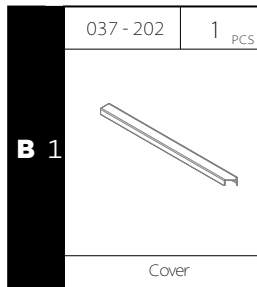
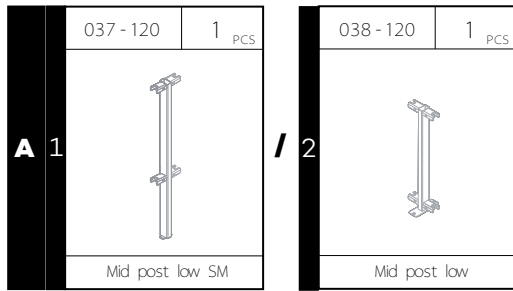
	037-200	037-210	037-100	037-300	037-400
<b>HPL - Surface mount</b>					
<b>KG</b>	25.9	24	25	26	7
<b>lbs</b>	57	52.9	55.1	57.3	15.4
<b>HPL - Deep Mount</b>					
<b>KG</b>	26.7	24.8	25.8	26.8	7.8
<b>lbs</b>	58.9	54.7	56.9	59.1	17.2

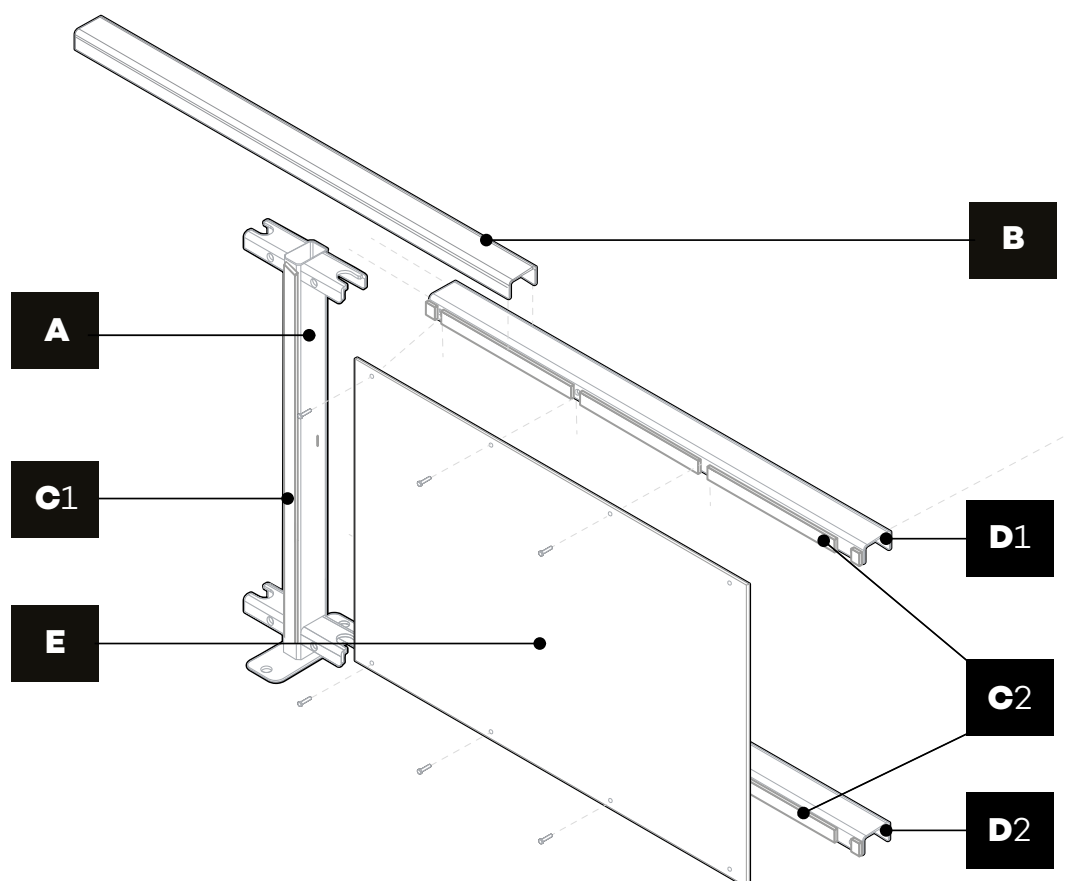
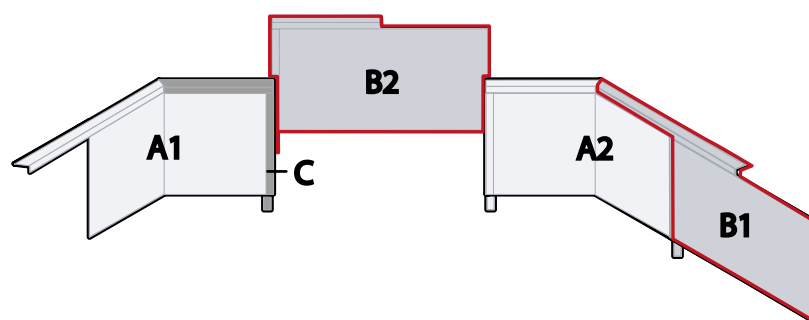
**A . 3**
**Amount of standard combinations**
**A**
**B**
**C**


	037-200	037-210	037-100	037-300	037-400
<b>Toro</b>					
<b>6.8m</b>	8x	0x	4x	4x	4x
<b>9.1m</b>	8x	0x	12x	4x	4x
<b>10.7m</b>	8x	0x	16x	4x	4x
<b>10.7m +gate</b>	7x	1x	16x	5x	6x
<b>13m</b>	8x	0x	24x	4x	4x
<b>13m +gate</b>	7x	1x	24x	5x	6x
<b>Sutu</b>					
<b>Plaza L</b>	7x	0x	19x	1x	1x
<b>Plaza XL</b>	7x	0x	25x	1x	1x

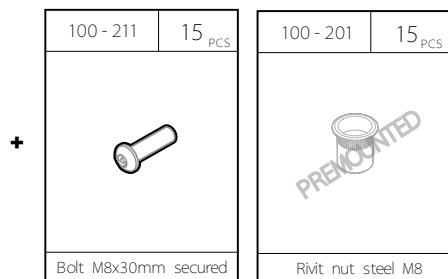
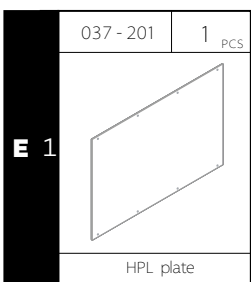
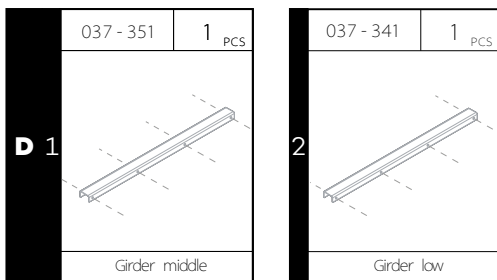
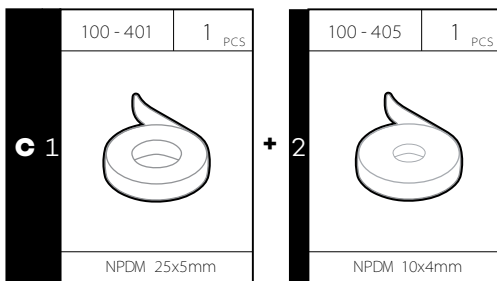
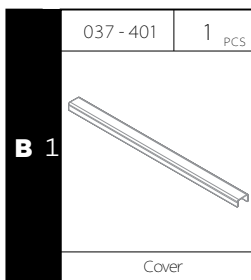
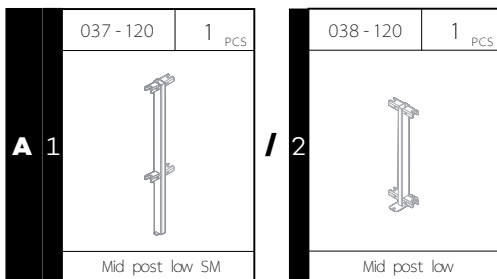


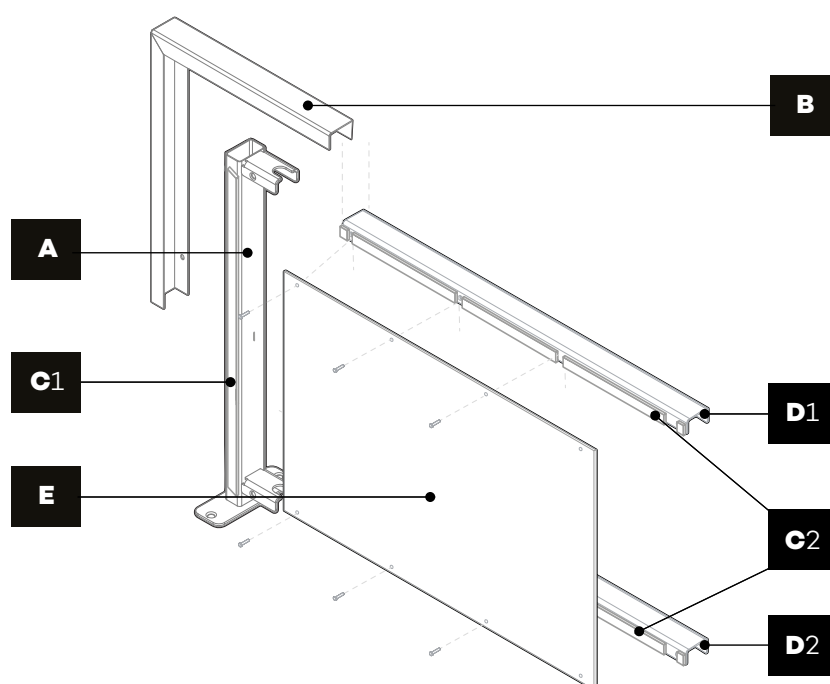
# A.5



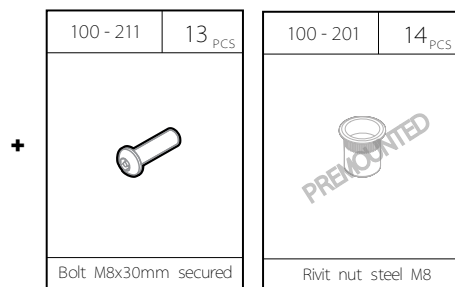
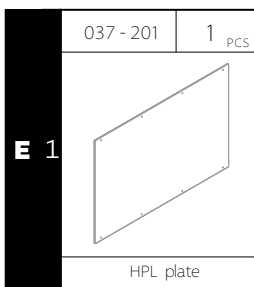
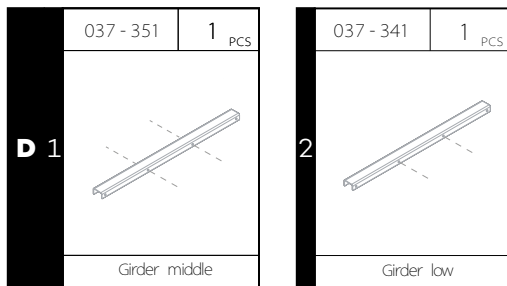
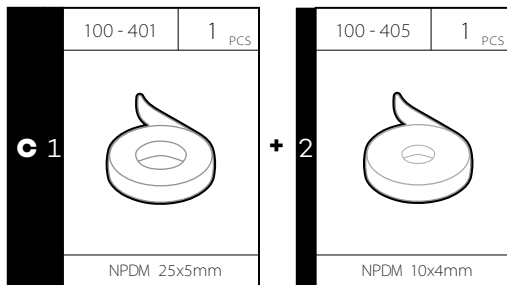
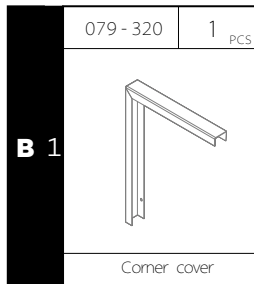
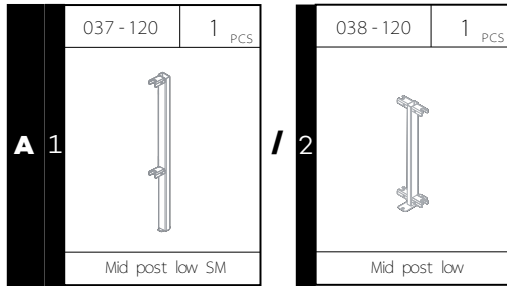


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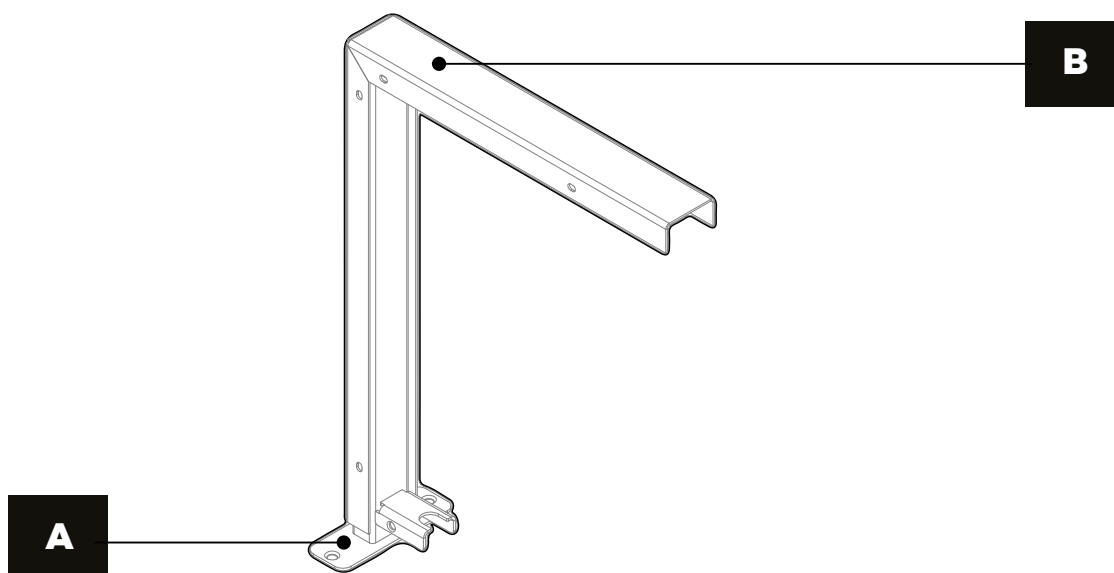
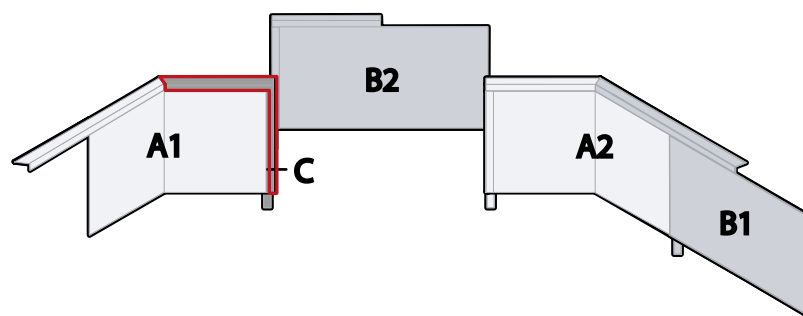




# A.9








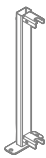
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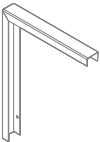
B


C

A . 11

<b>A</b>	<b>1</b>	038 - 360	1 PCS
			
		HPL end post SM	

<b>2</b>	<b>2</b>	037 - 360	1 PCS
			
		HPL end post DM	

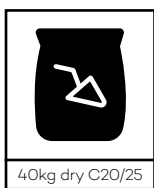
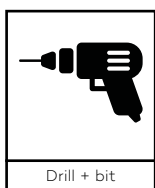
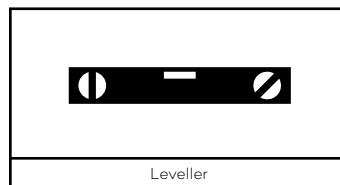
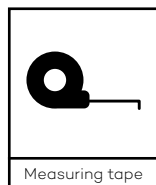
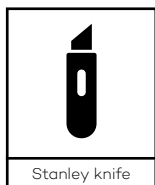
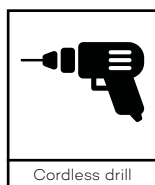
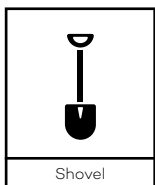
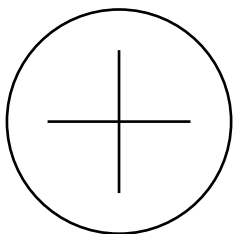
<b>B</b>	<b>1</b>	037 - 420	1 PCS
			
		Corner cover	

<b>+</b>		100 - 211	7 PCS
			
		Bolt M8x30mm secured	

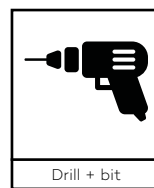
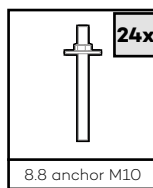
A

B

C



/

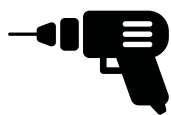


A

B

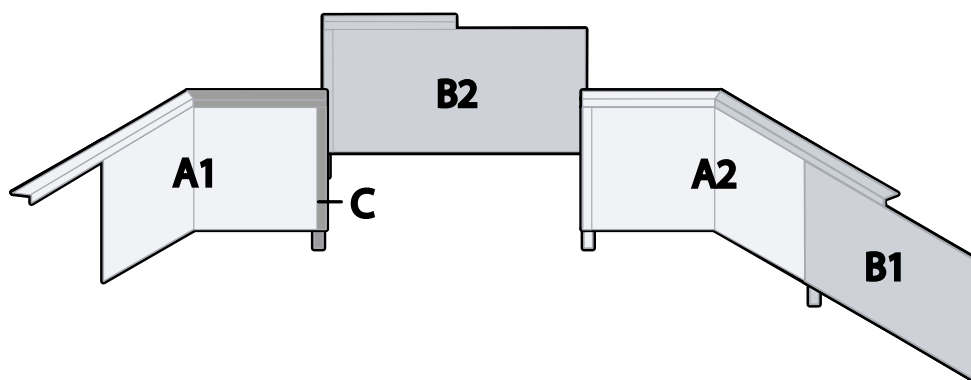
C

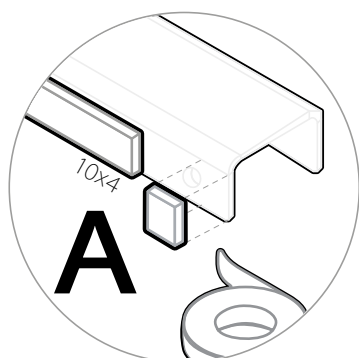
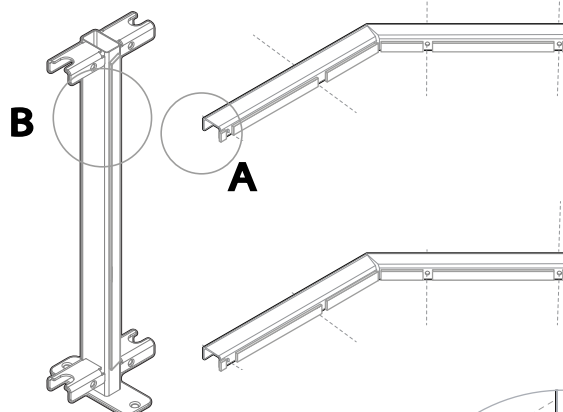
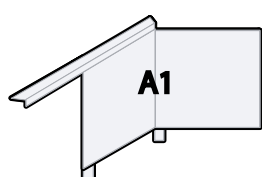
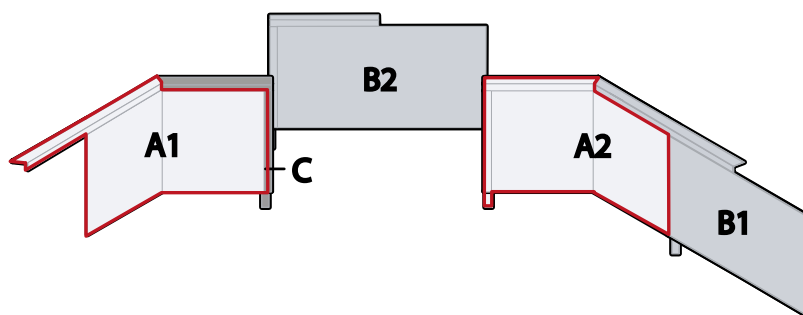
# B



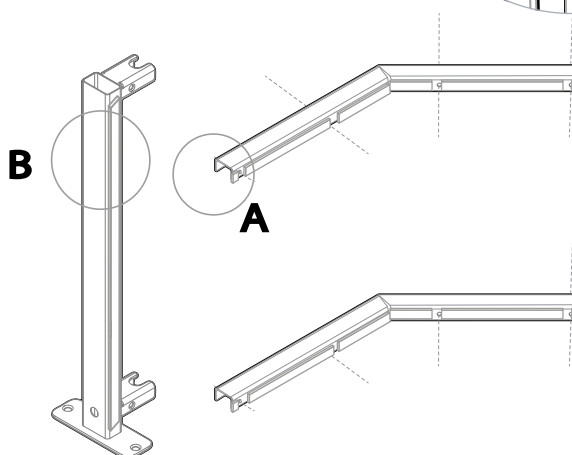
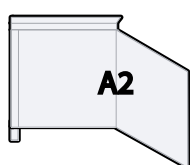
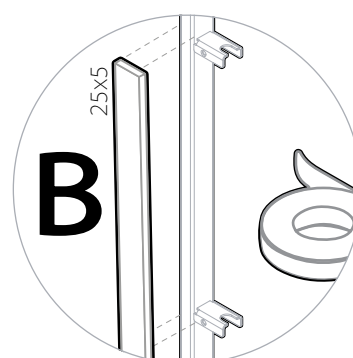
**B.1**

**Overview assembly**

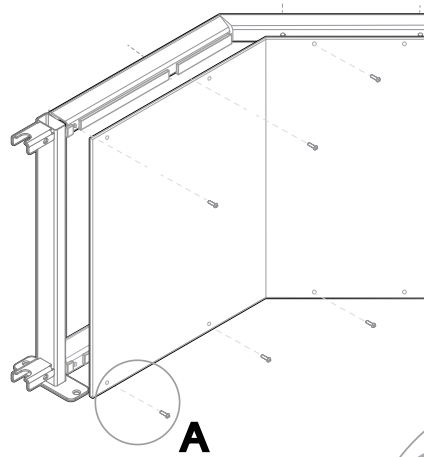
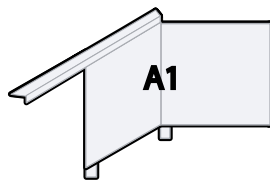




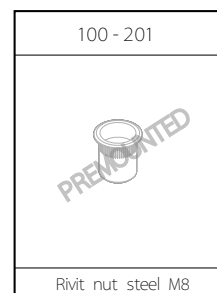
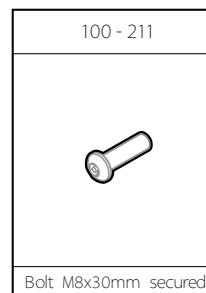
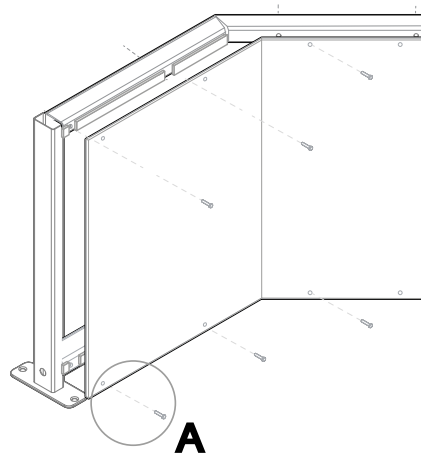
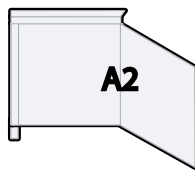
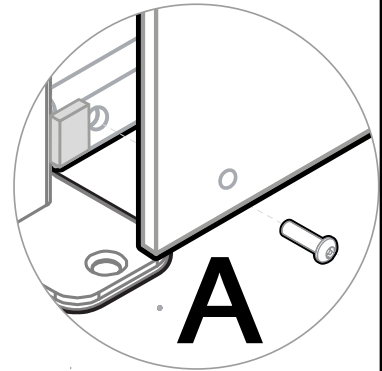
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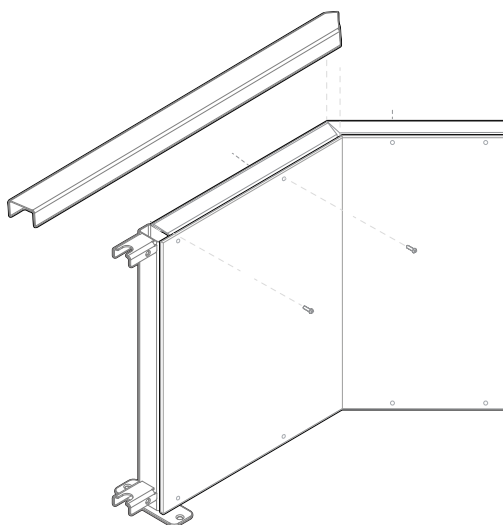
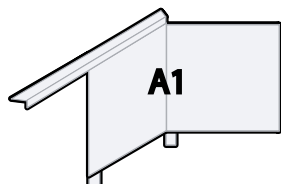


100 - 401	100 - 405
NPDM 25x5mm	NPDM 10x4mm

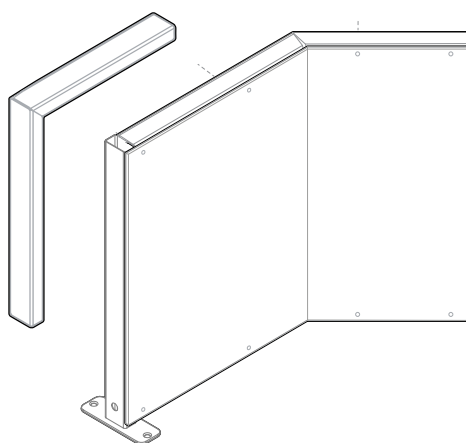
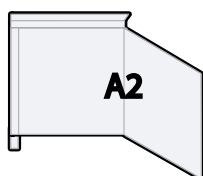


OR





**OR**



100 - 211



Bolt M8x30mm secured

100 - 201

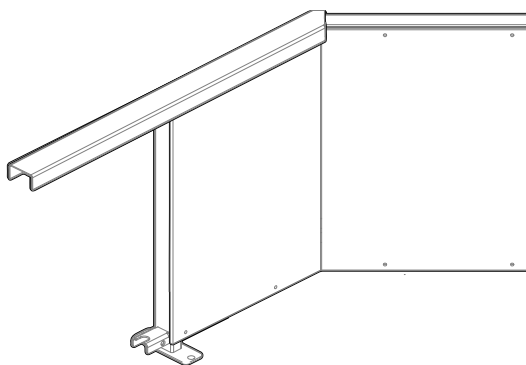
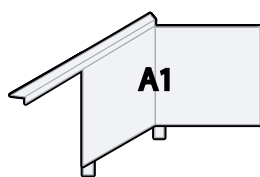


Rivit nut steel M8

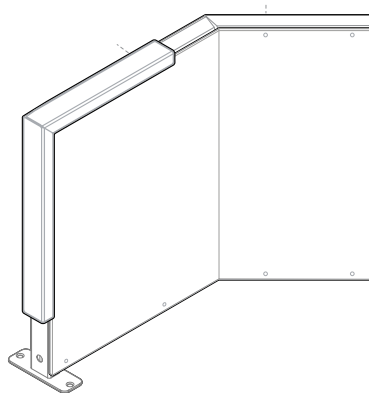
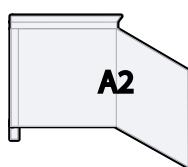
A

B

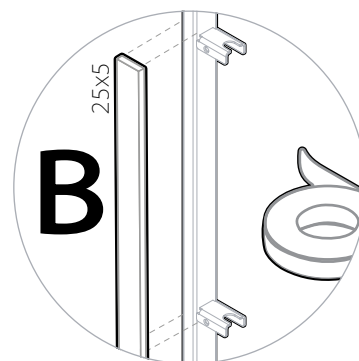
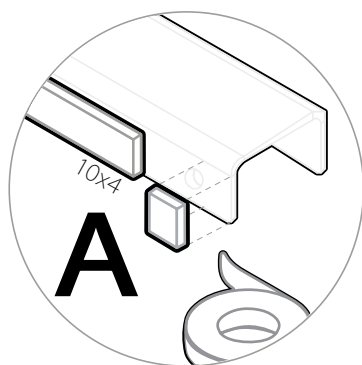
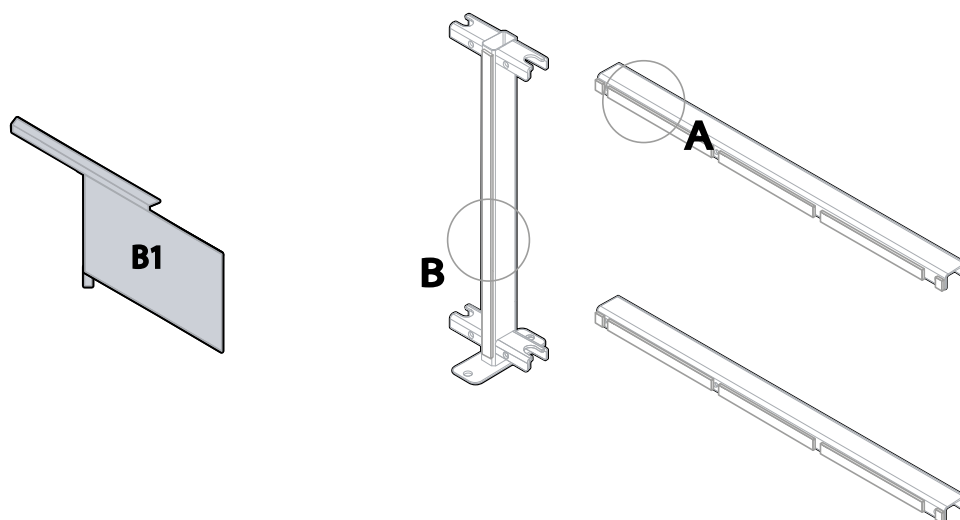
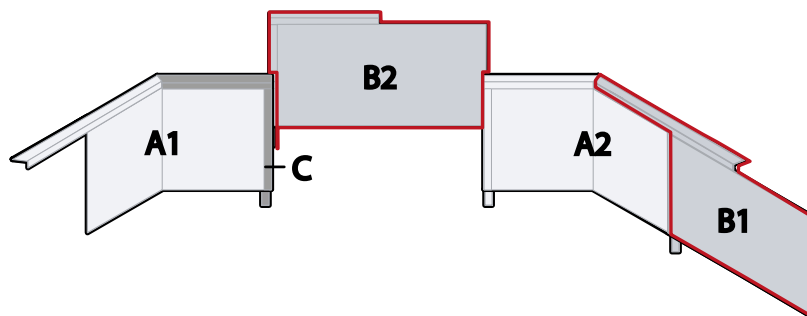
C



OR

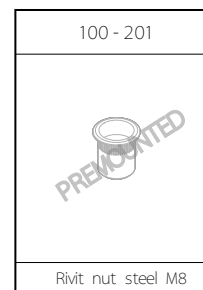
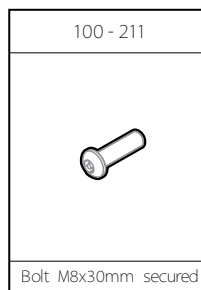
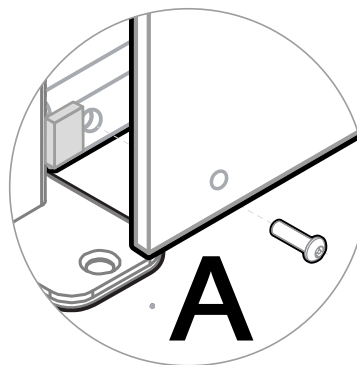
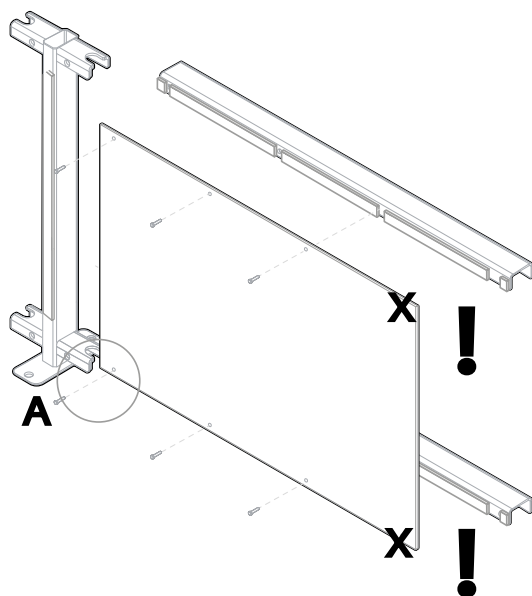




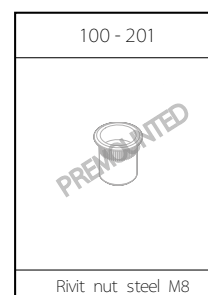
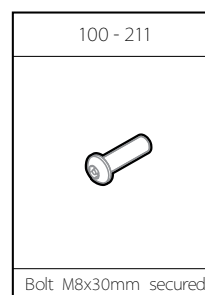
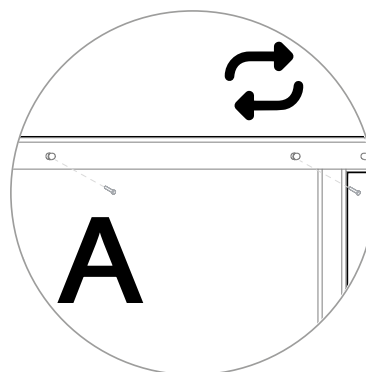
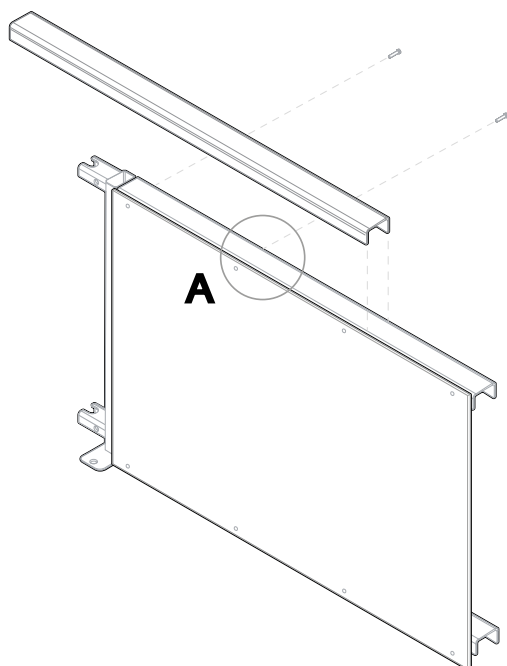


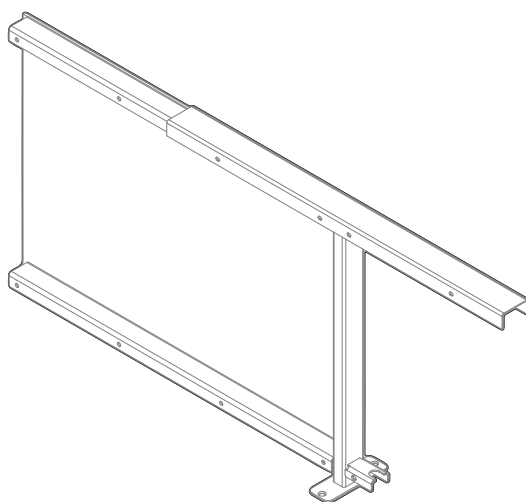
100 - 401	100 - 405
NPDM 25x5mm	NPDM 10x4mm

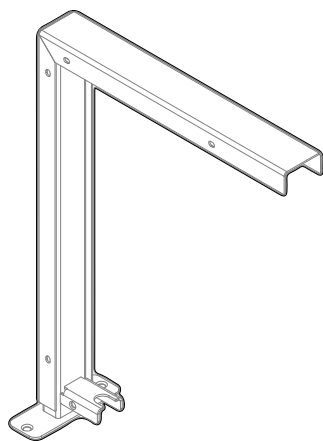
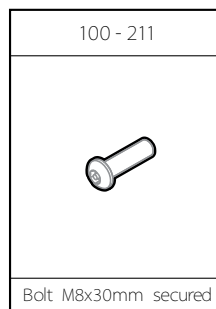
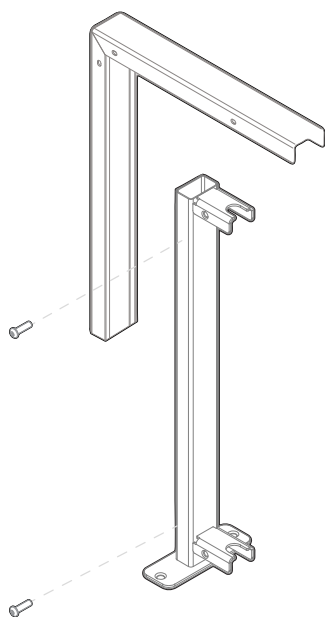
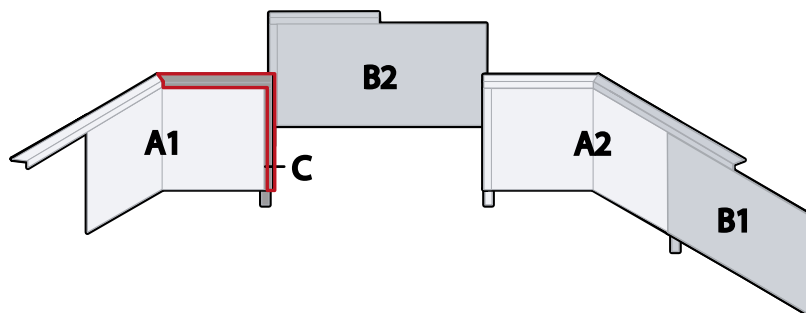
# B.7



# B.8







# C



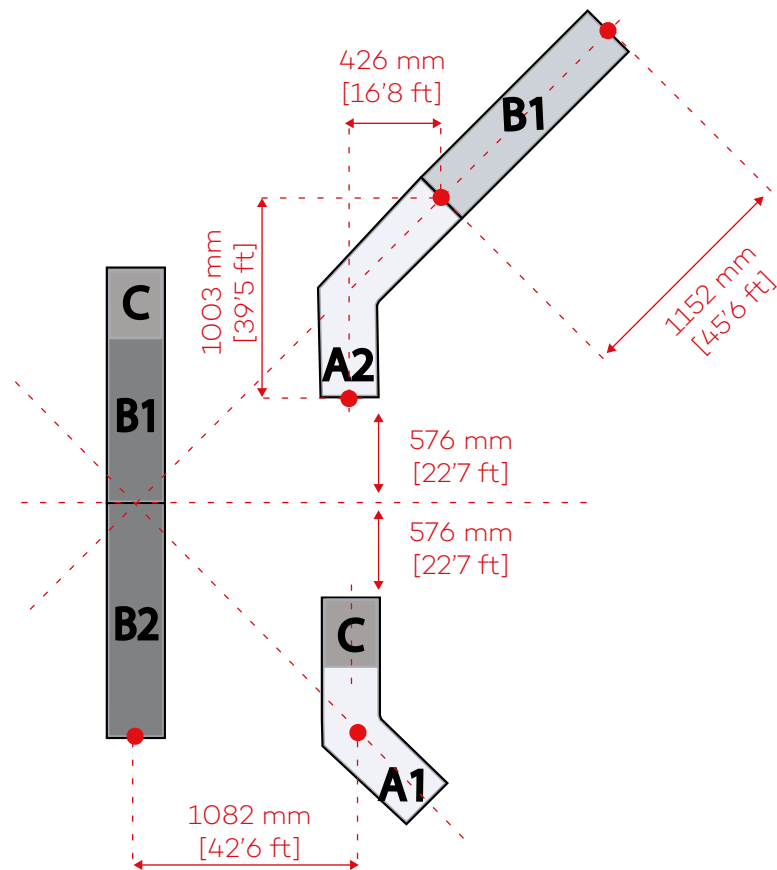
A

B

C

C.1

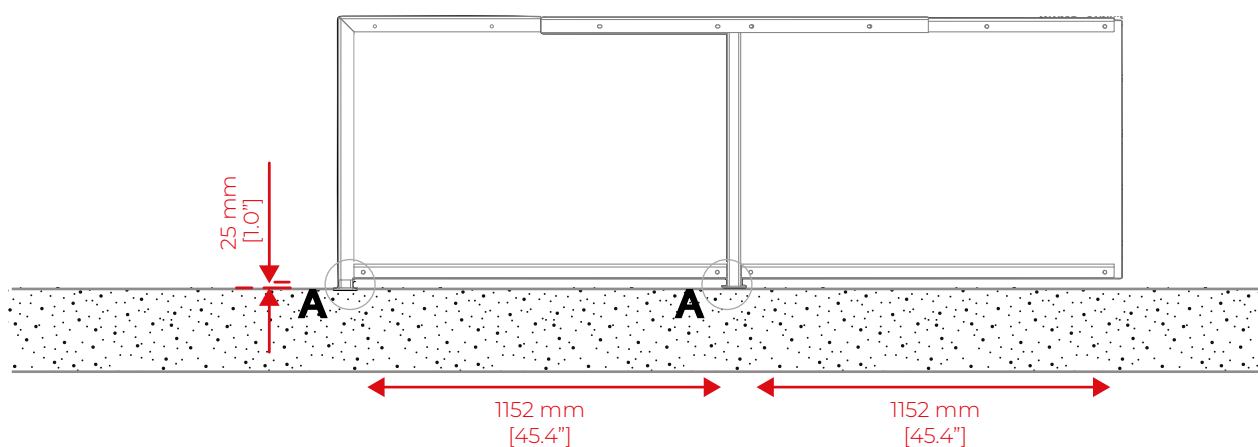
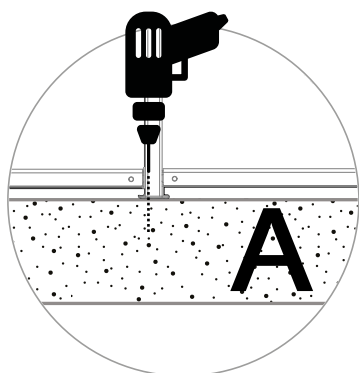
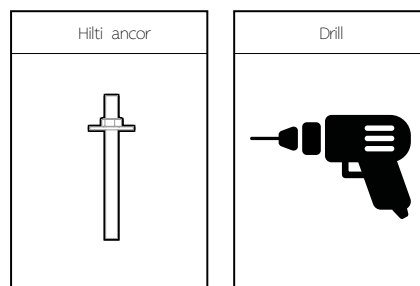
Top view



A

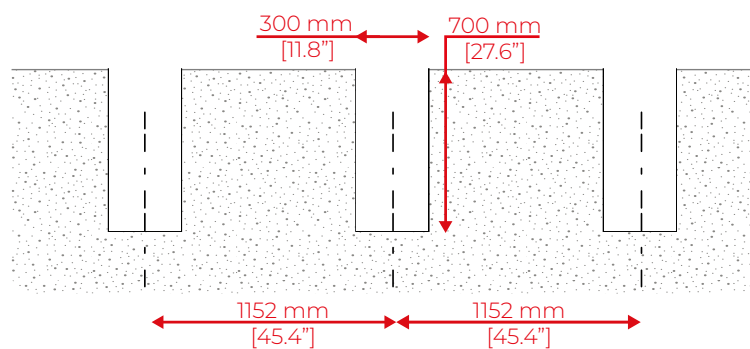
B

C

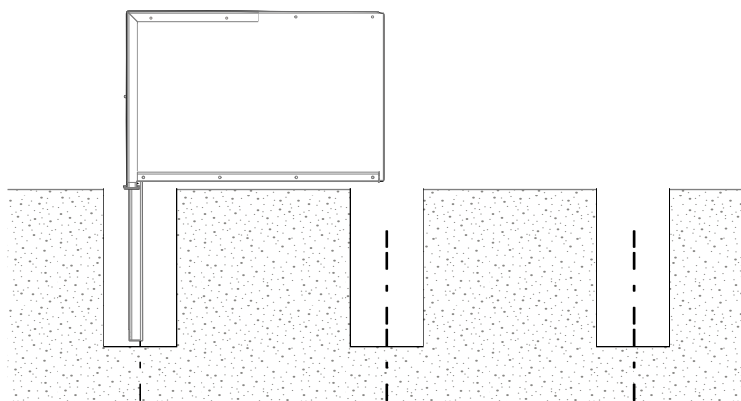


**C . 3****Deep mount**

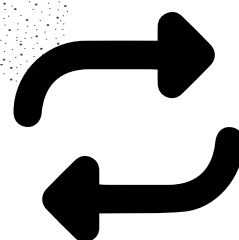
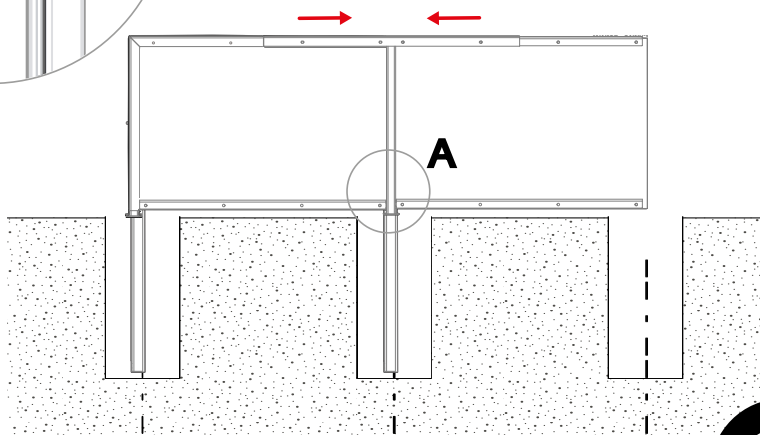
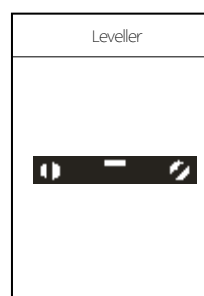
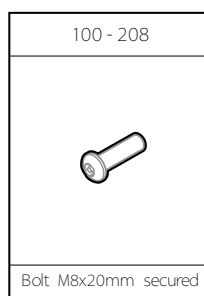
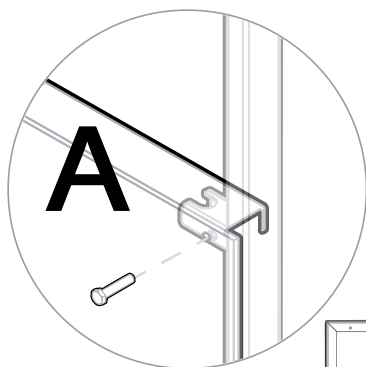
Shovel

**C . 4**

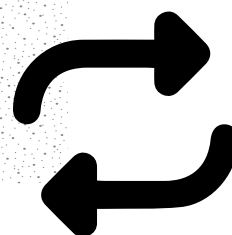
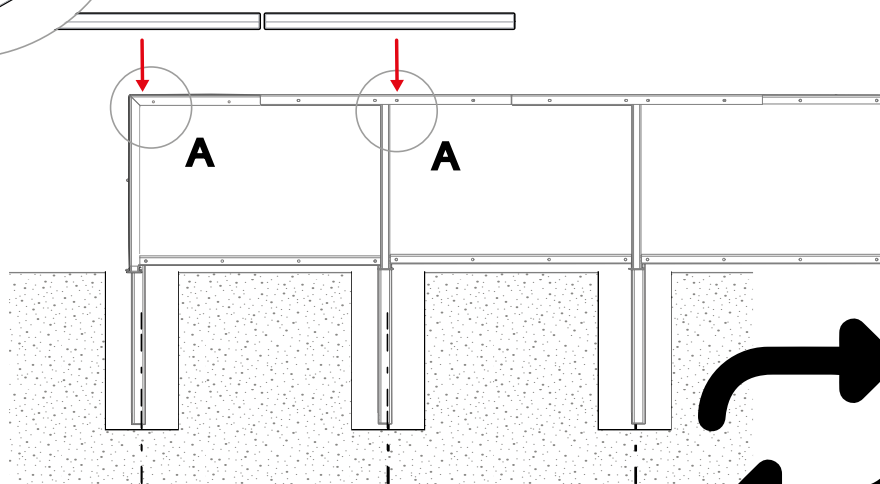
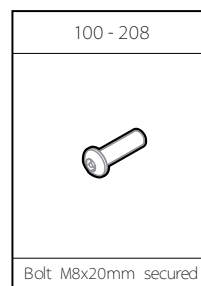
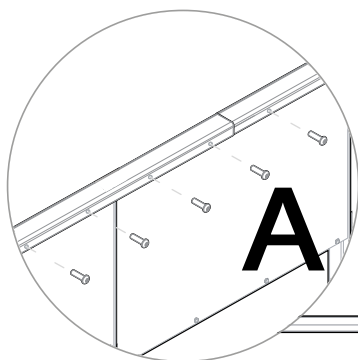
Leveller



# C.5

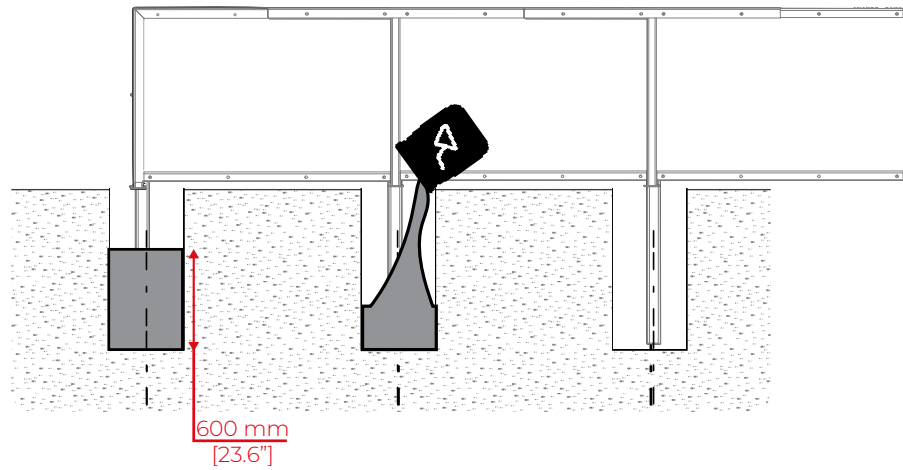
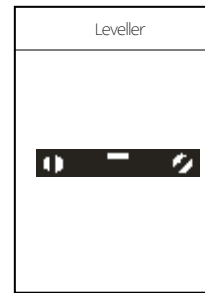


# C.6

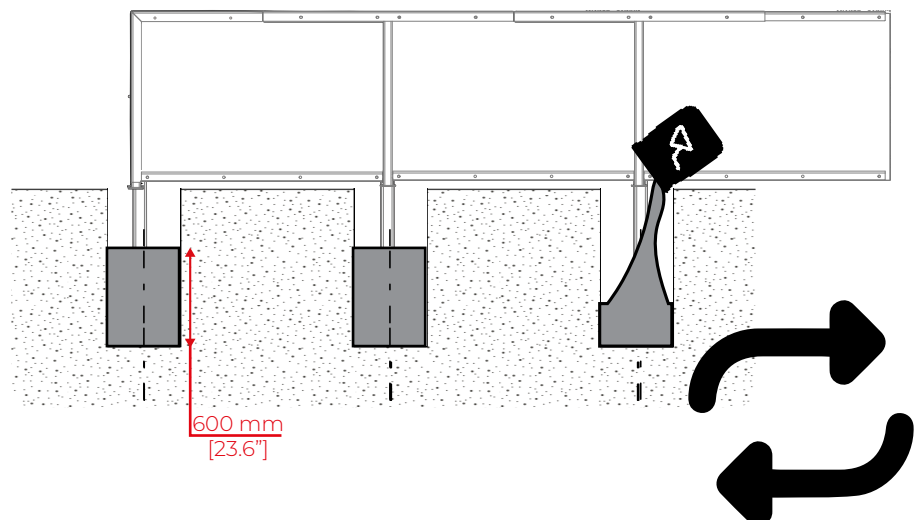




C.7



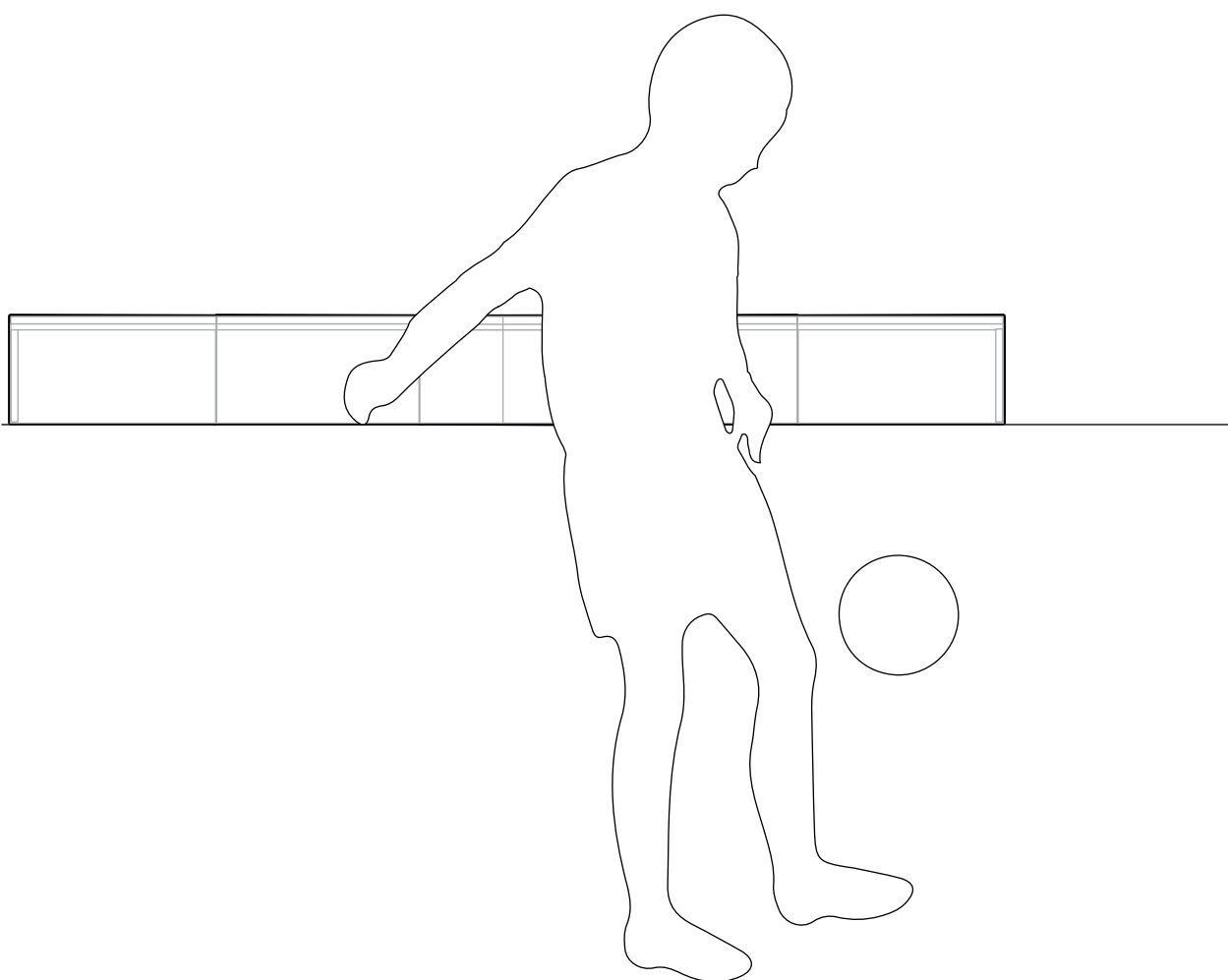
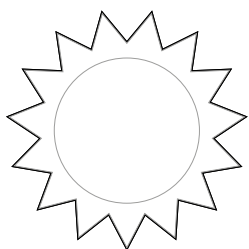
C.8



A

B

C



## 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
<i>Model</i>		
Model	Flag A1	
Model nr.	037-200	
Country of Origin	Made in the Netherlands	
<i>Transport</i>		
Pallet material	Pinewood	
Dimensions	1.57 x 0.5 x 0.8 m	61.8 x 19.68 x 31.5"
<i>Installed boarding (LxBxH)</i>		
Weight		
Net weight boarding HPL surface mount	25.9 kg	57 lbs

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Net weight boarding HPL deep mount	26.7 kg	58.9 lbs
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## 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 x 39.7 x 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

## 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 x 111 x 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

## PRODUCT FEATURES

Description	Metric	Imperial
<i>Model</i>		

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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 x 111 x 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

## PRODUCT FEATURES

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 x 111 x 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

## 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.

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	
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 button head M8x30	13	Steel	Lubocoat
100-201 (pre mounted)	River nut steel PVK 1.5-4.5 M8	14	Steel	Galvanized
100-509	TEC7 Black Sealant (per meter, front and back) 3Mtr. Per tube	1.5		
Number	Description	Amount	Material	Treatment
037-100HPL (Flag B1)	HPL			
037-120 (deep mount)	HPL Mid post low	1	Steel	HDG/powdercoat
038-120 (surface mount)	HPL Mid post low	1	Steel	HDG/powdercoat
037-341	Low girder	1	Steel	HDG/powdercoat
037-351	Middle girder	1	Steel	HDG/powdercoat
037-401	HPL straight cover	1	Steel	HDG/powdercoat
037-201	HPL plate 1151x765 mm	1	HPL	

## NOT INCLUDED MATERIALS

Level
Allen key T40
Bit T40
Shovel
Tape measure
Cordless drill
Utility knife

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### Ground installation

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Rapid drying concrete (C20/C25 ± 15 ltr (40 kg rapid drying NEN -EN206-1/-8005) concrete (dry)) per post	88.18 lbs
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### Surface installation

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#### Hammer drill

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

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## 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 General assembly of a building element HPL

**NOTICE** 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 element B, 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.

## B. GROUND INSTALLATION

**NOTICE** Ensure that all preparations have been made as described in Chapter A.

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

**B.1** Assembly overview.

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**B.2** HPL Flag A1 and A2: If necessary, degrease the metal parts and apply 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.

**NOTICE** The last bolts are applied when coupling the building blocks.

**B.4** HPL Flag A1 and A2: Mount the covers on the uncovered flag

**NOTICE** 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.

**NOTICE** The last bolts are applied when coupling the building blocks.

**B.8** HPL Flag B: Mount the covers on the uncovered flag

**NOTICE** Do this AFTER all the uncovered flags are mounted!

**B.10** HPL Flag C: Mount the covers on the uncovered flag

**NOTICE** Do this AFTER all the uncovered flags are mounted!

## C. STRUCTURAL ASSEMBLY

**NOTICE** Ensure that all preparations have been made as described in Chapter A. Be aware this is without the covers.

**C.1** Mark all the center dimensions on the ground, as shown.

**C.2** Surface mount: Drill the holes for bottom flanges of the posts according to the exact dimensions indicated in the images.

**C.3** Deep mount: Dig the holes for the concrete foundation according to the exact dimensions indicated in the images.

**C.4** Place all the uprights of the building blocks in the dug holes

**C.5** Couple the building blocks.

**NOTICE** This is an example of connecting the boarding. Always work from left to right!

**C.6** After all building blocks are coupled, apply the covers. Ensure that the seams are evenly distributed and of equal size. Ensure that all uprights are completely level. If necessary, use additional support materials such as slats and clamps to keep the uprights in place.

**NOTICE** Do this AFTER all the uncovered flags are mounted! See section C

**C.7** Once the uprights are correctly positioned, fill the holes with C20/25 concrete to the specified height.

**C.8** Continue this process. Fill the remaining space with sand or soil, depending on the desired finish of the terrain. Allow the concrete to cure for at least one day before using the boarding.

## SUPPORT

For questions, comments, or assistance, you can always contact the headquarters of Lappset Yalp in the Netherlands

**Lappset**

**Nieuwenkampsmaten 12**

**7472 DE Goor**

**Netherlands**

**+31 (0) 547 289 410**

**support@lappset.com**

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## DISPOSAL

If you need help disposing of the product, please contact us to inquire about our services and potential costs.

## RECYCLING

Ensure that all parts of the product are disposed of wisely and correctly. To recycle this product, you can contact us to return the product. We will then recycle the used product in a manner that complies with our sustainability guidelines.

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**Made in the Netherlands**

290351-250217

# Lappset sportboarding HPL

290350-290363

290450-290465

*Installation instructions*

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*Installatievoorschrift*

**NL**

*Installationsanweisungen*

**DE**

