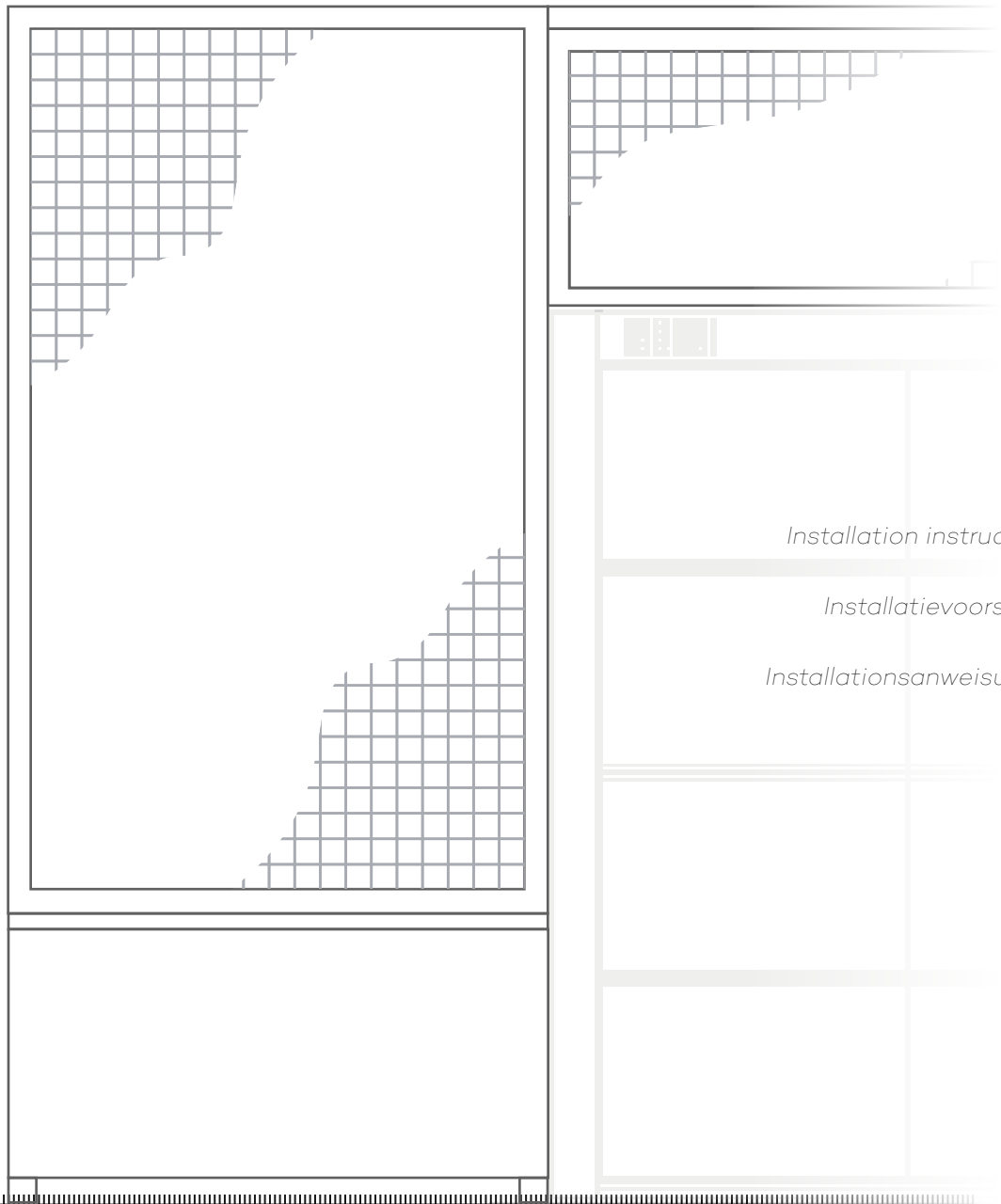


Lappset Sutu sportboarding M

290350



Installation instructions

Installatievoorschrift

Installationsanweisungen

EN

NL

DE



WARNING

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



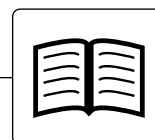
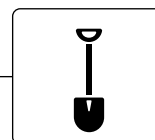
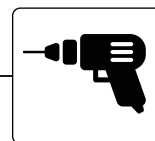
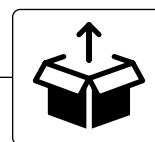
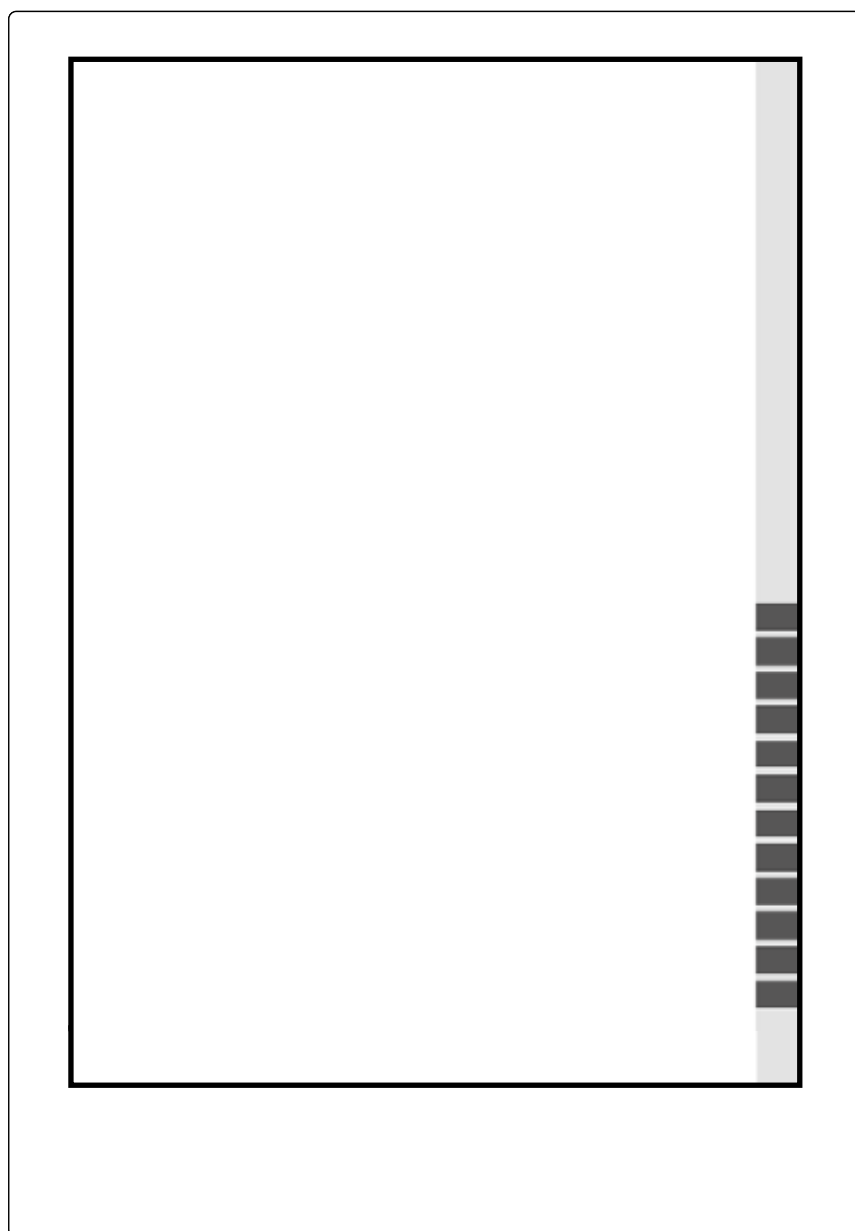
WAARSCHUWING

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



WARNING

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



A

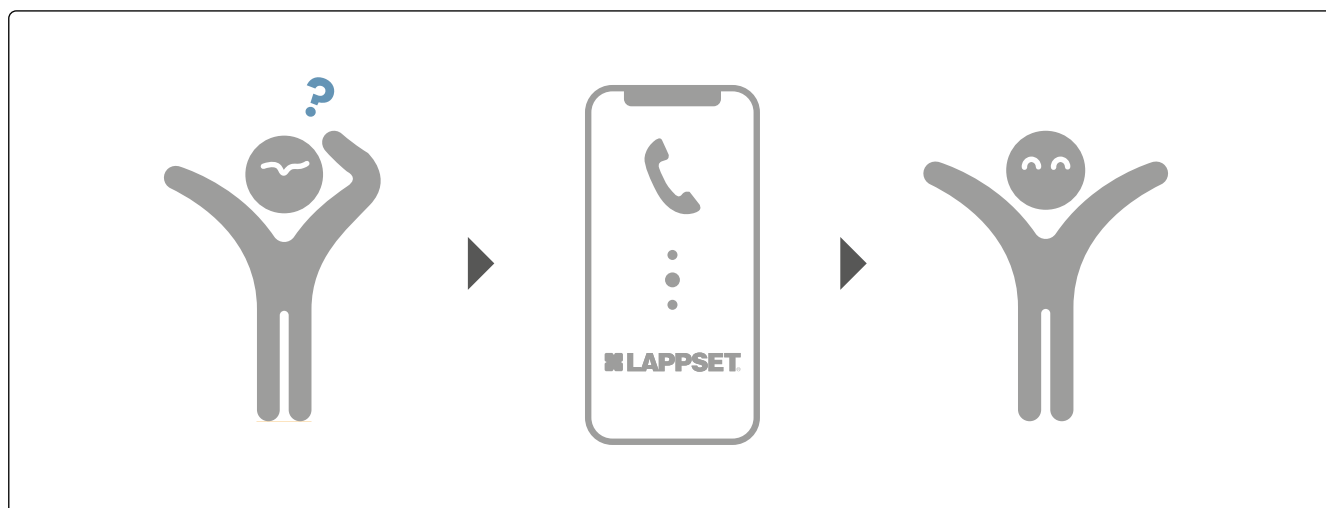
B

C

EN

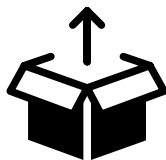
NL

DE



A

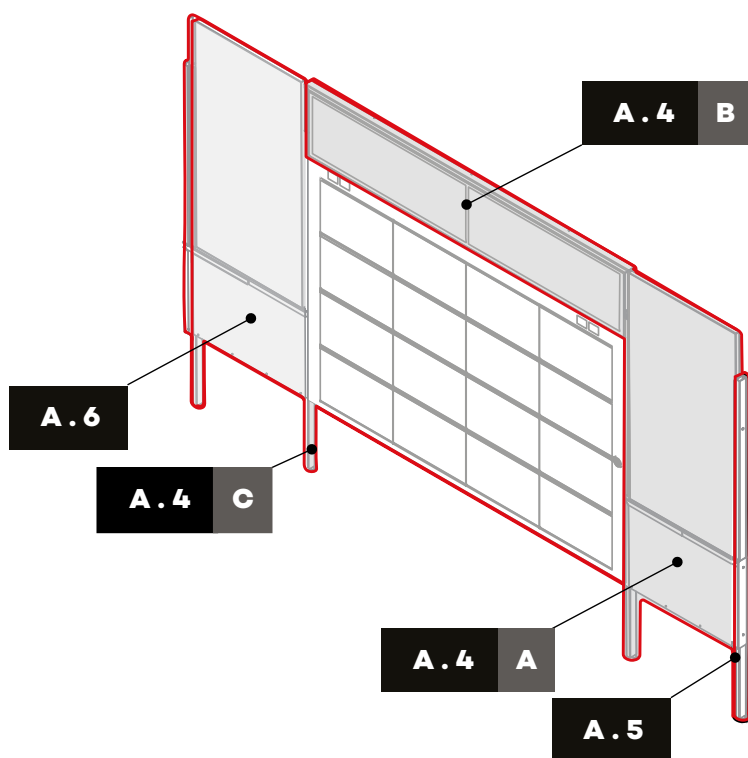
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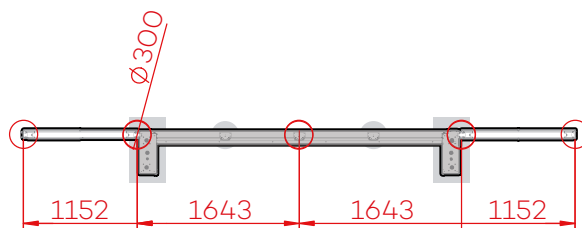
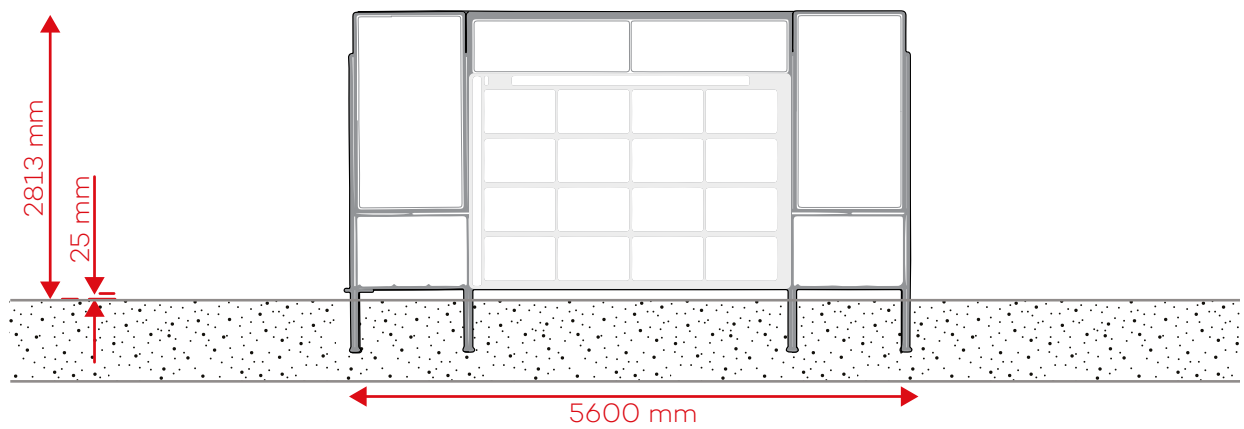


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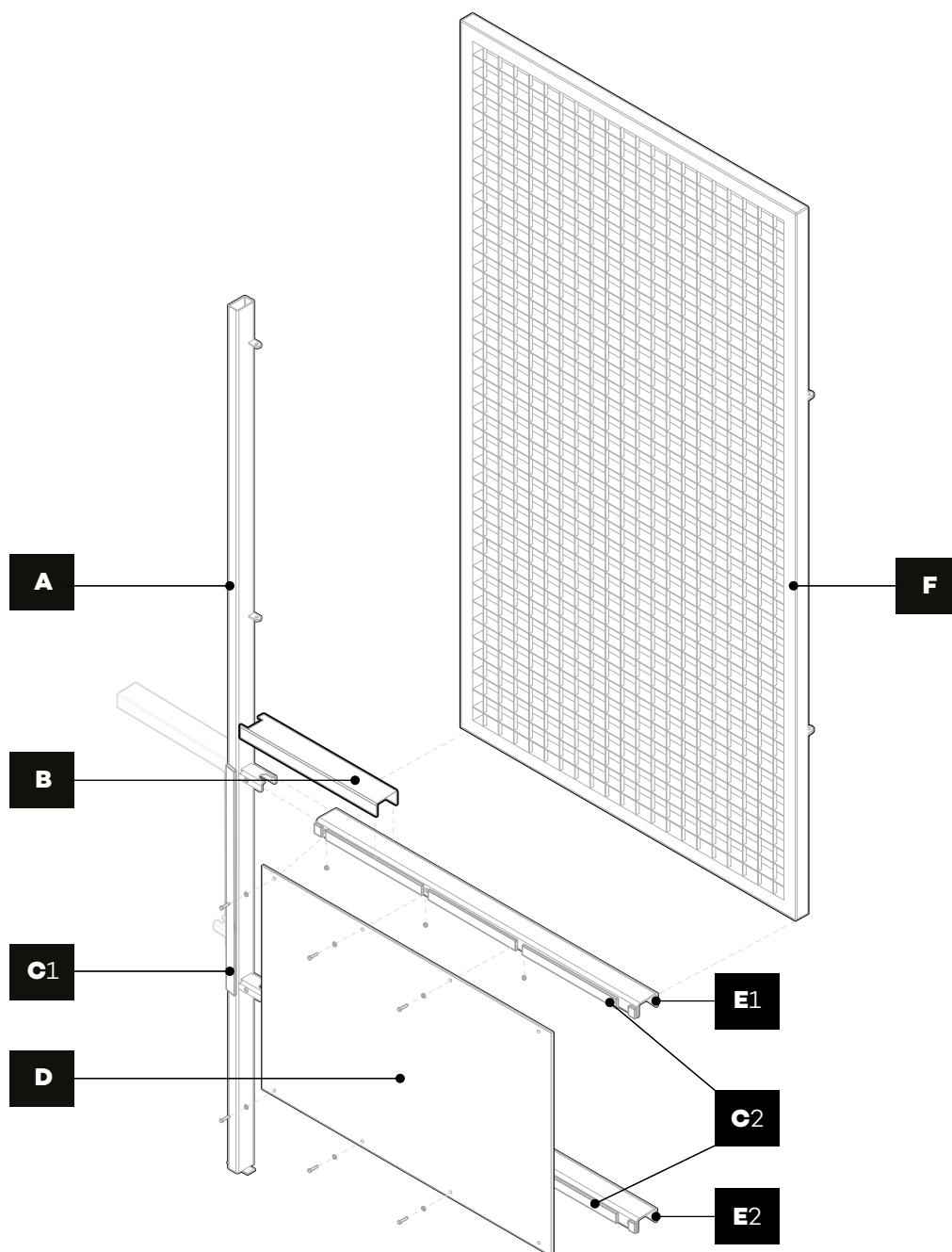
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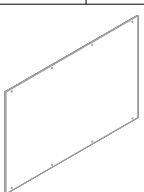
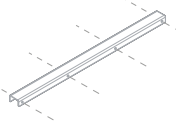
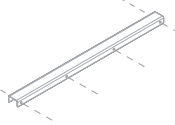
A.1





A.3 General mounting example

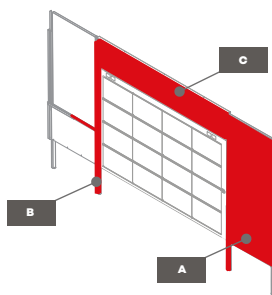


A	1	079 - 360	1	PCS											
		Vertical member high													
B	1	079 - 302	1	PCS	+	2	100 - 281	4	PCS	100 - 271	4	PCS	100 - 208	4	PCS
				Cover										Bolt M8x20mm secured	
C	1	100 - 401	1	PCS	+	2	100 - 405	1	PCS						
				NPD 25x2mm											
D	1	037 - 101	1	PCS	+	2	100 - 211	2	PCS	100 - 281	2	PCS	100 - 271	2	PCS
				HPL plate										2x	
E	1	037 - 351	1	PCS		2	037 - 341	1	PCS						
				Girder top											
F	1	079 - 170	4	PCS	+	2	100 - 281	2	PCS	100 - 271	2	PCS	100 - 208	2	PCS
				Grid										Bolt M8x20mm secured	

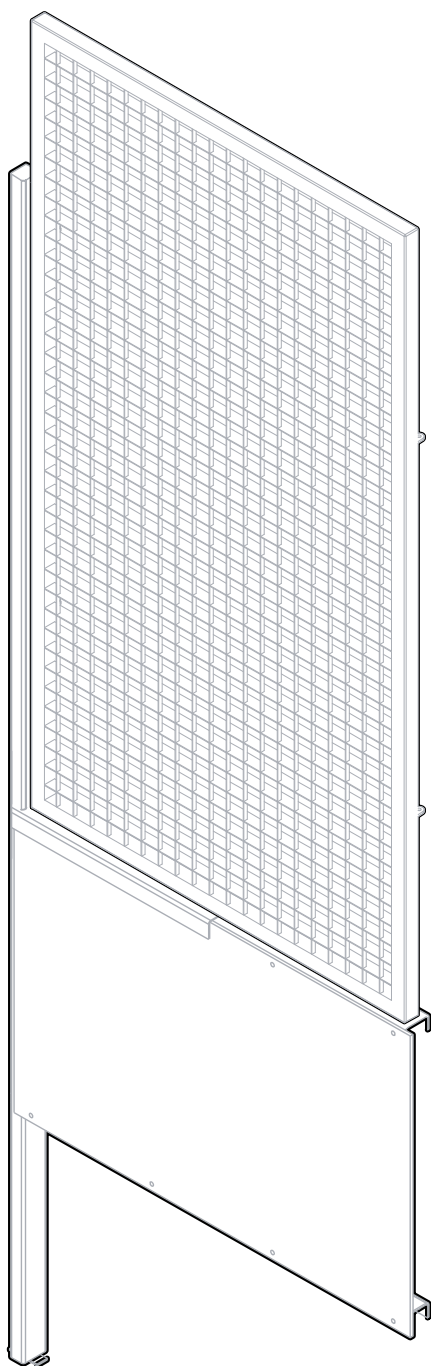
A

B

C

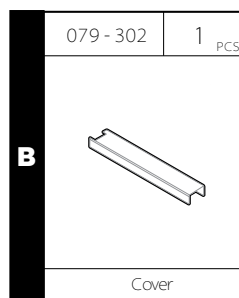
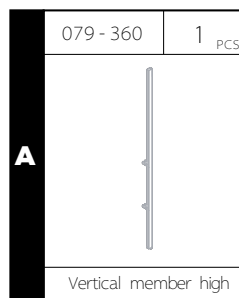


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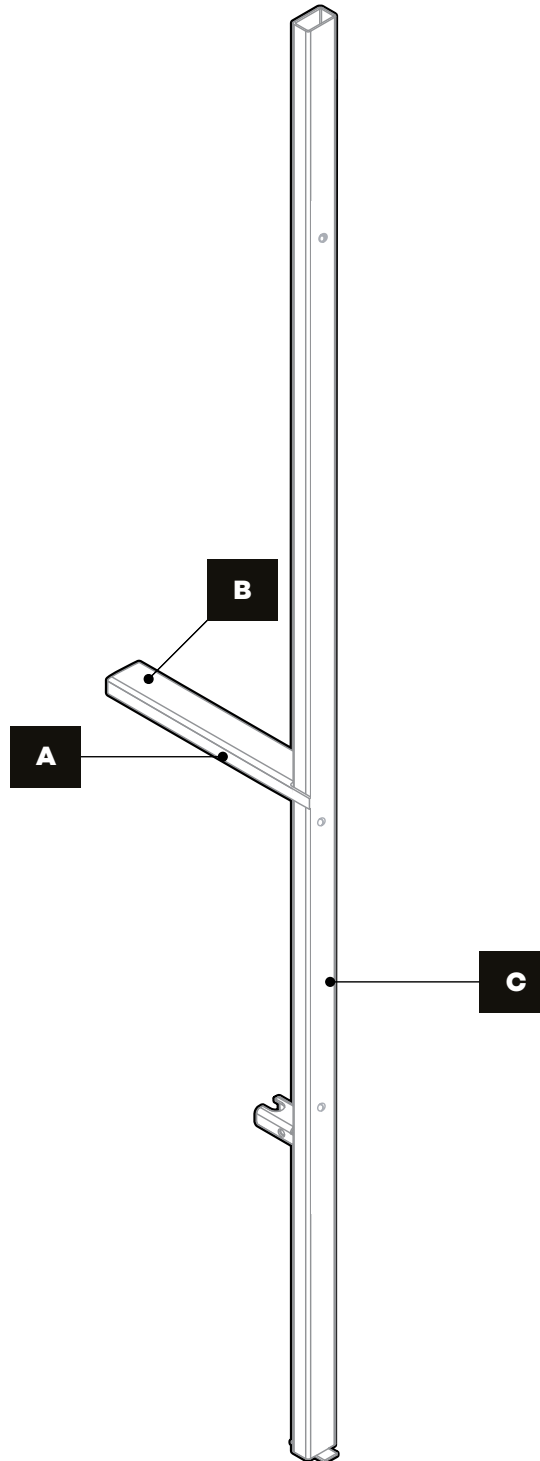


A . 3

+



B



A	100 - 281	3 PCS
	Bolt M8x30mm secured	

B	079 - 402	1 PCS
	Cover	

C	079 - 835	1 PCS
	Vertical member high	

A

B

C

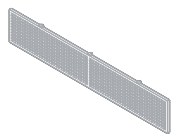
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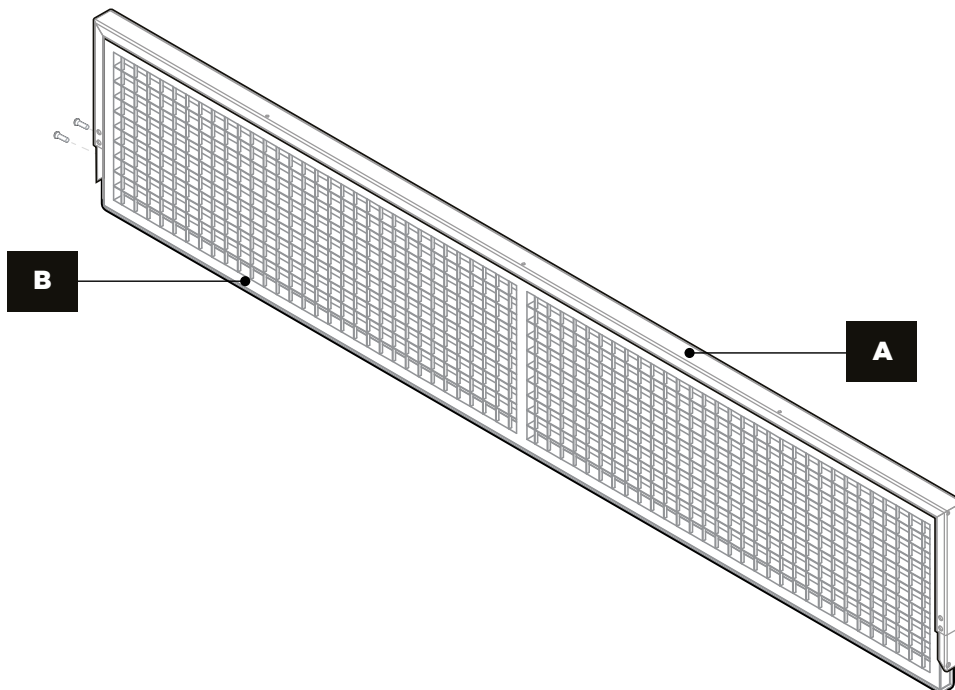
B

C

C

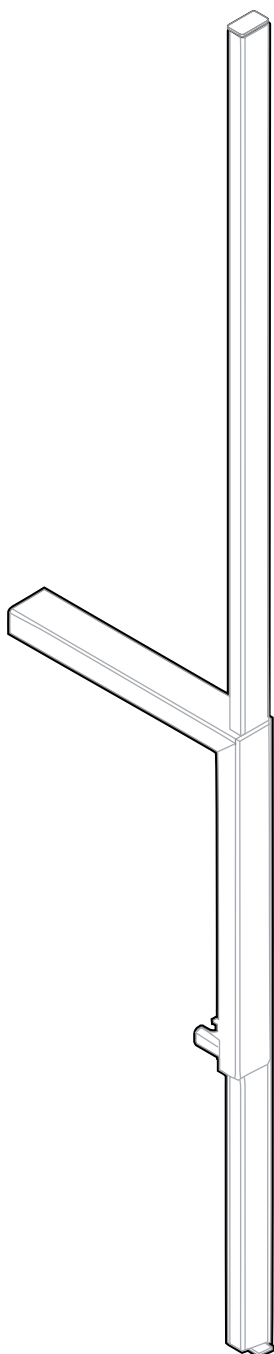
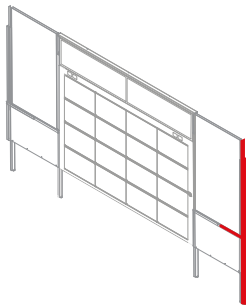
A	086 - 650	1 PCS	+	608.351.0625	3 PCS	100 - 281	3 PCS	100 - 271	3 PCS	100 - 211	4 PCS	
												
	Frame cover Sutu			Bolt M8x60mm secured		Washer M8		Locknut M8		Bolt M8x30mm secured		

B	086 - 720	1 PCS	+	100 - 211	3 PCS	100 - 281	3 PCS					
												
	Top grid			Bolt M8x30mm secured		Washer M8						



A . 5

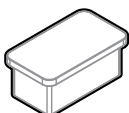
079-400



A	079 - 360	1 PCS
		
	Vertical member high	

B	079 - 470	1 PCS
		
	Cover	

F	100 - 281	8 PCS
		
	Bolt M8x30mm secured	

	105 - 501	1 PCS
		
	Cap	

A

B

C

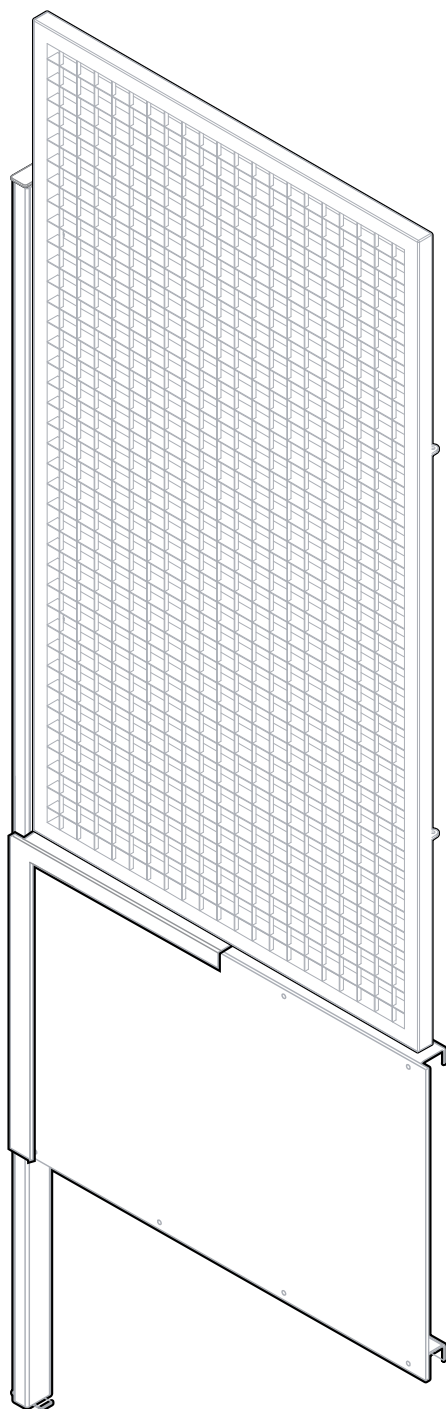
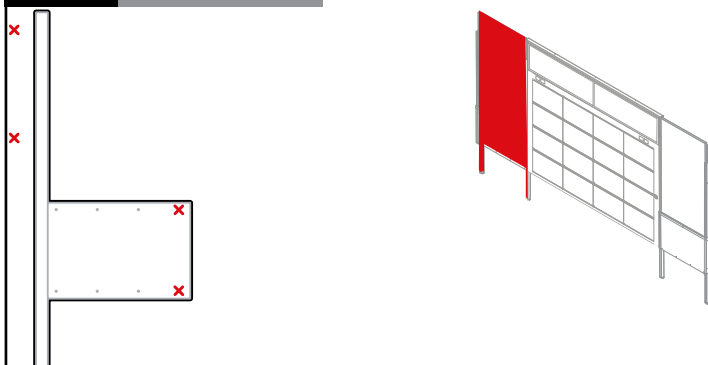
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079-300

A

B

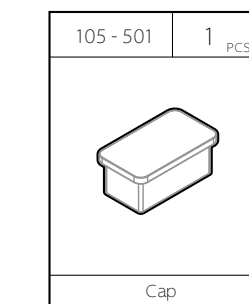
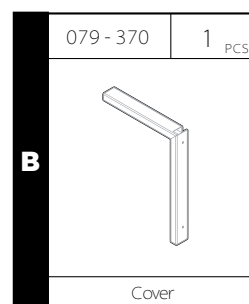
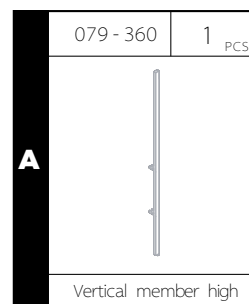
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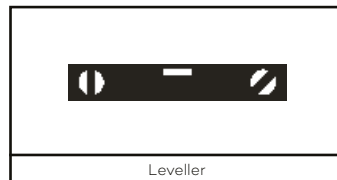
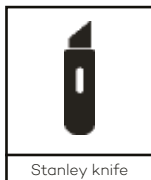
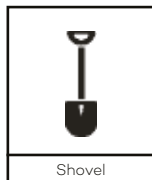
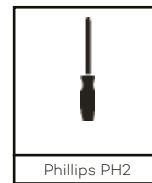
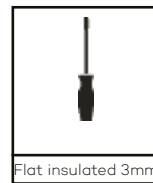
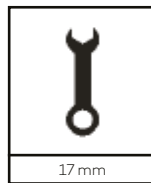
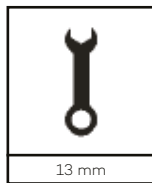
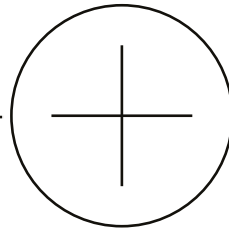


A.3

+

A



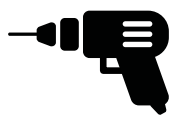


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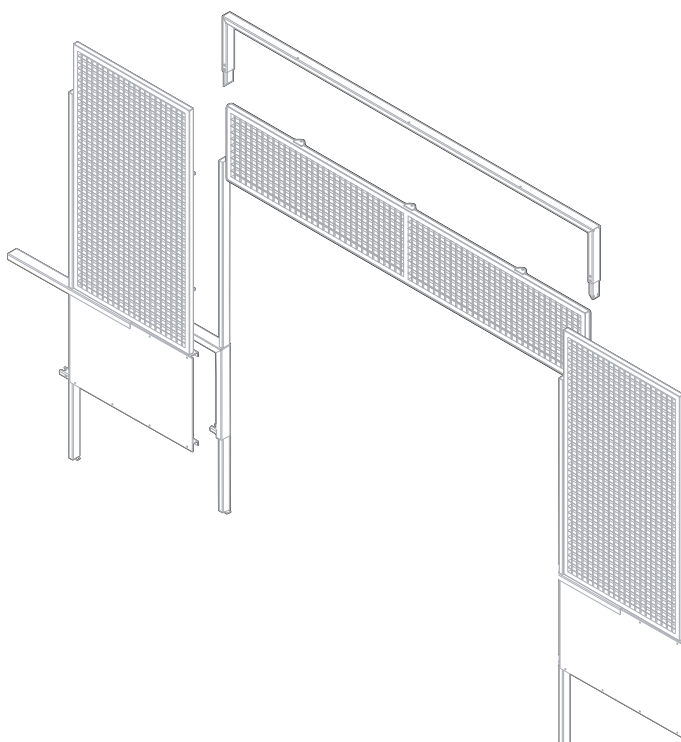
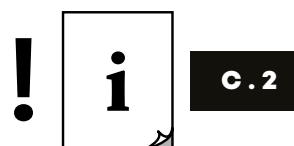
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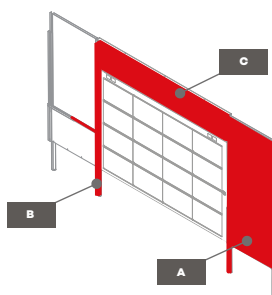
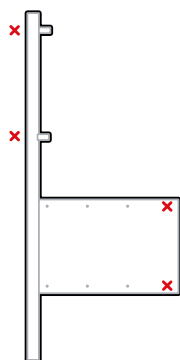
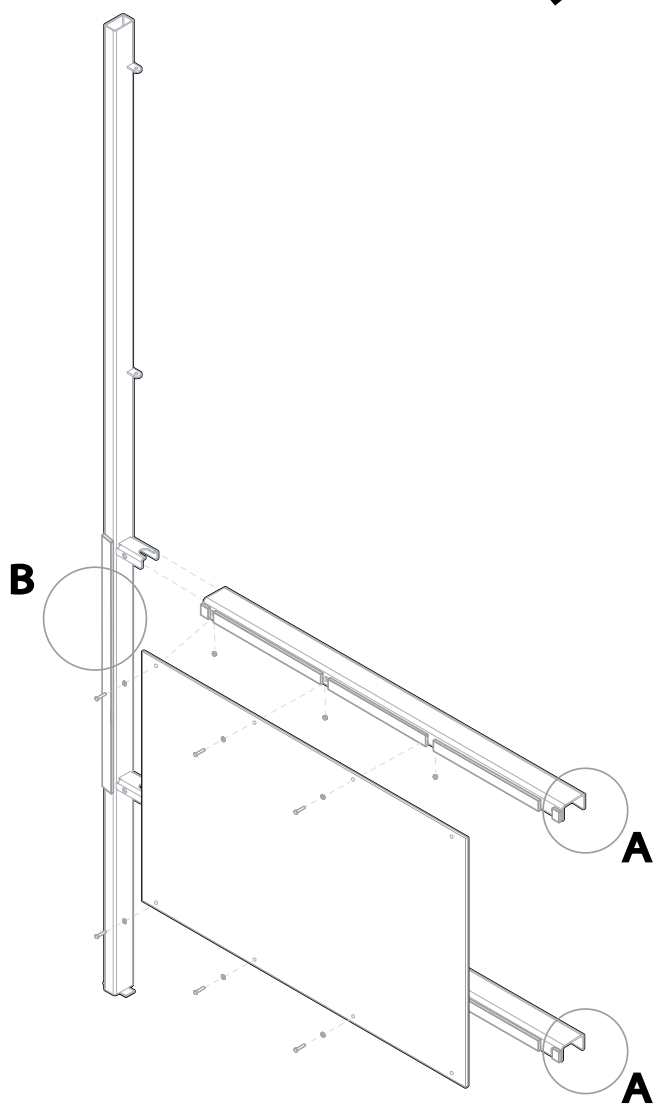
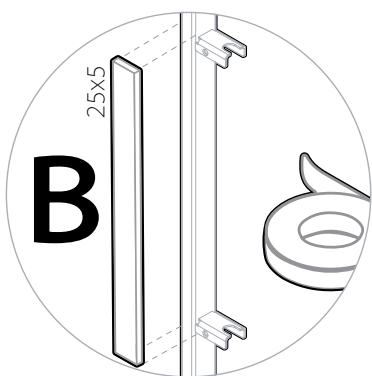
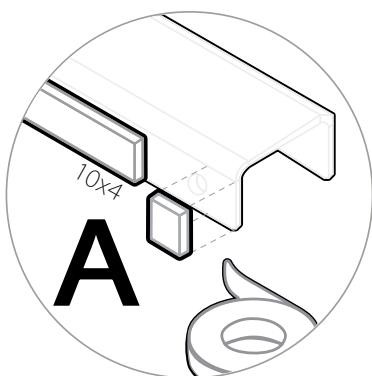
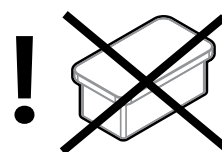
C

B



B.1

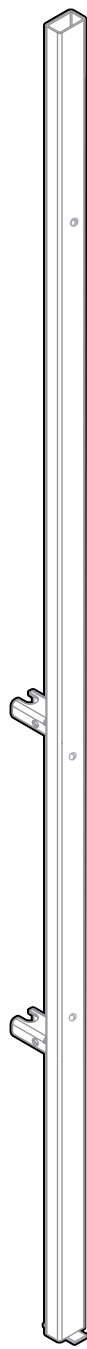
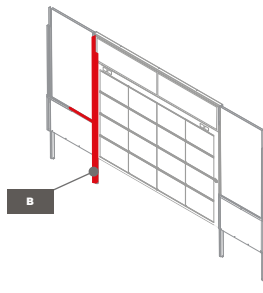


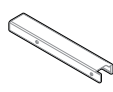
**A**

A

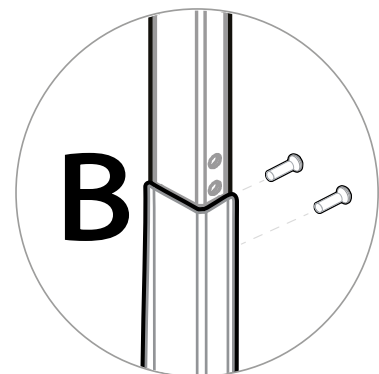
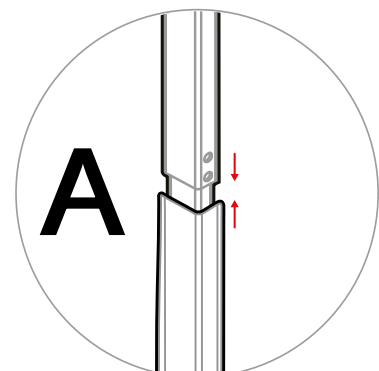
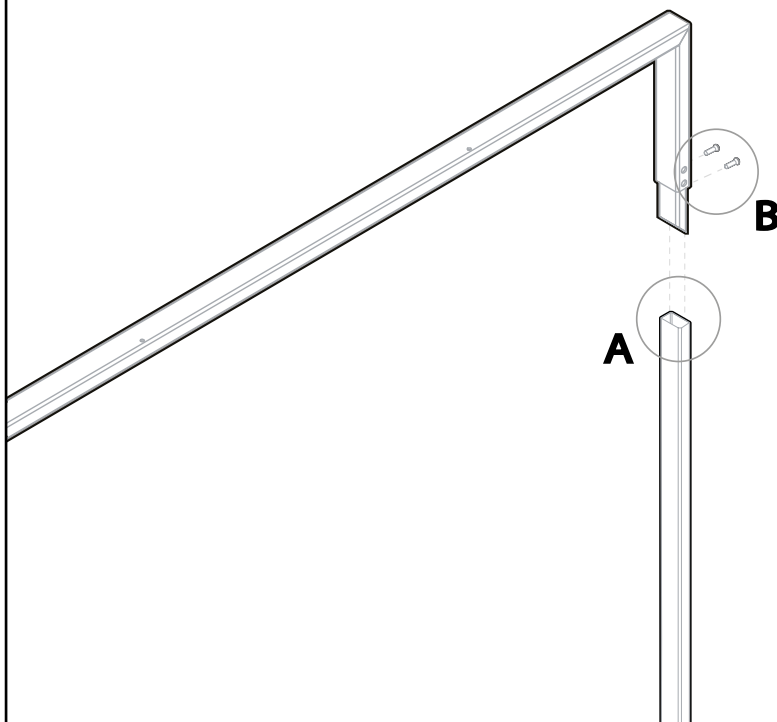
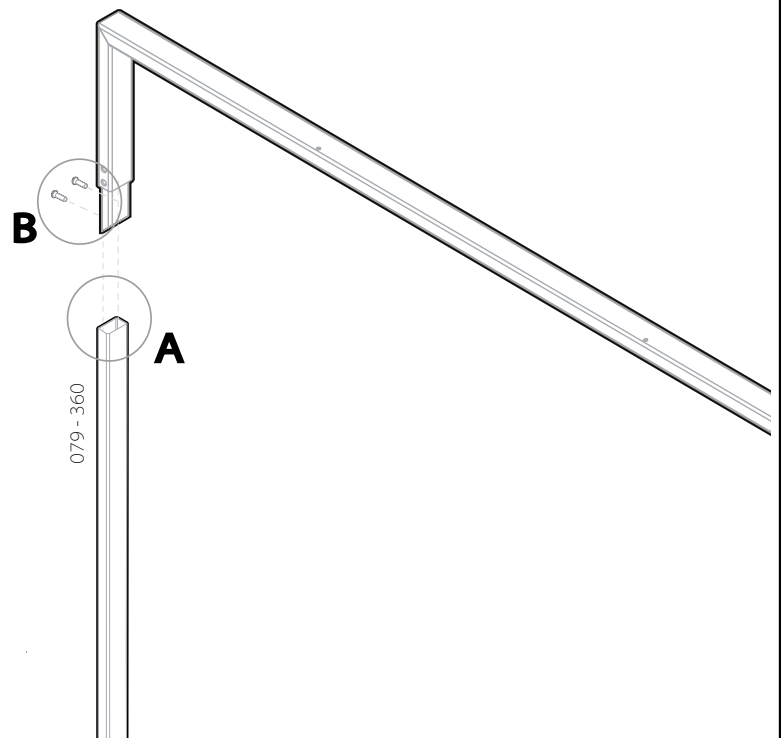
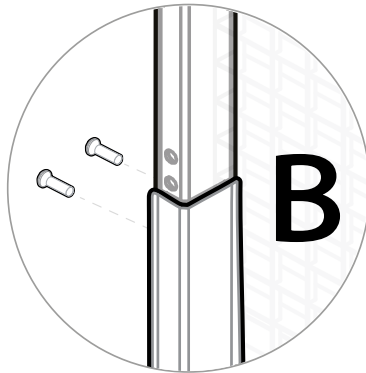
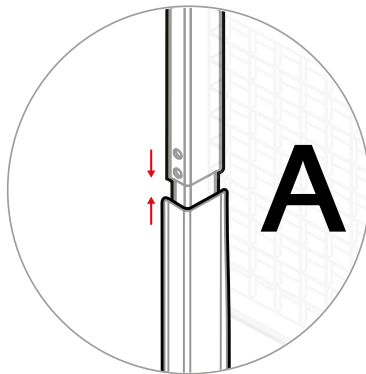
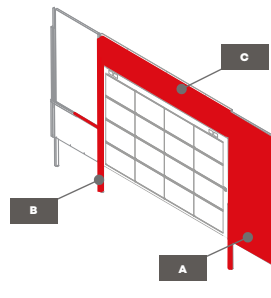
B

C



079 - 402	1 PCS
	
Cover	

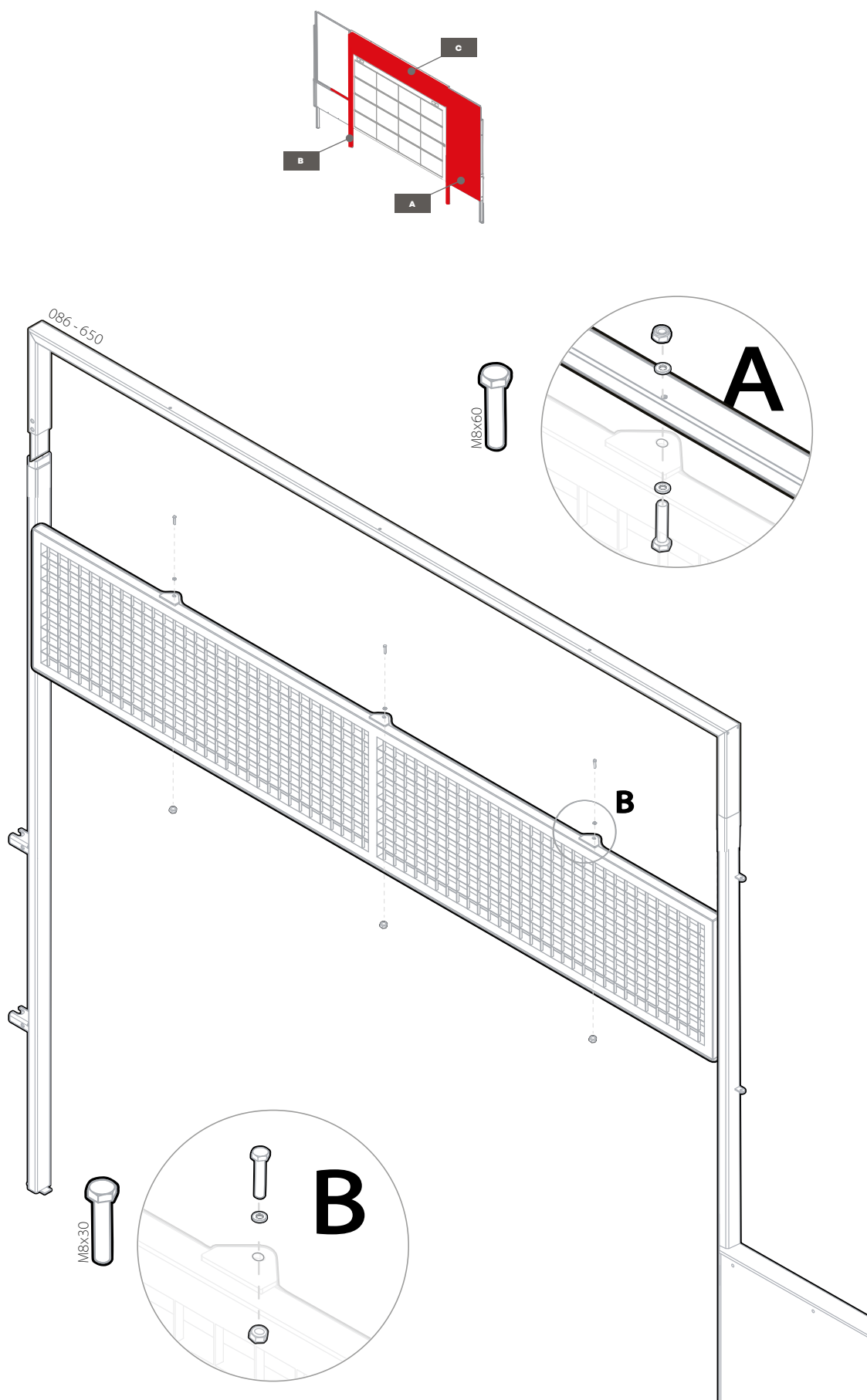
079 - 360	1 PCS
	
Vertical member high	

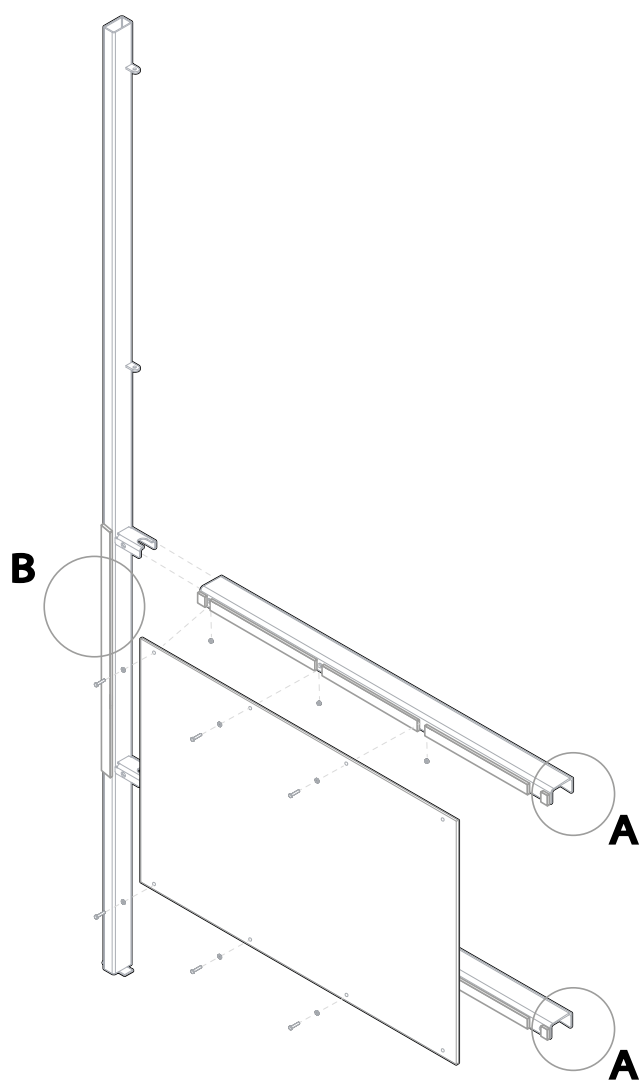
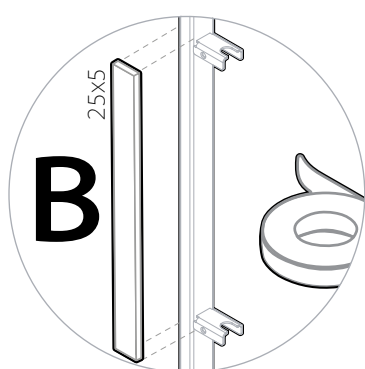
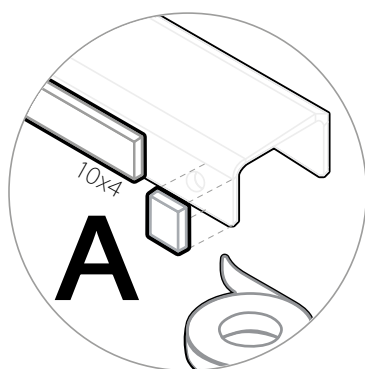
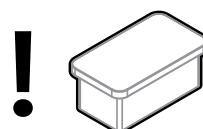
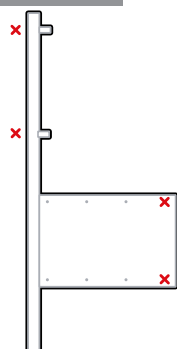


A

B

C



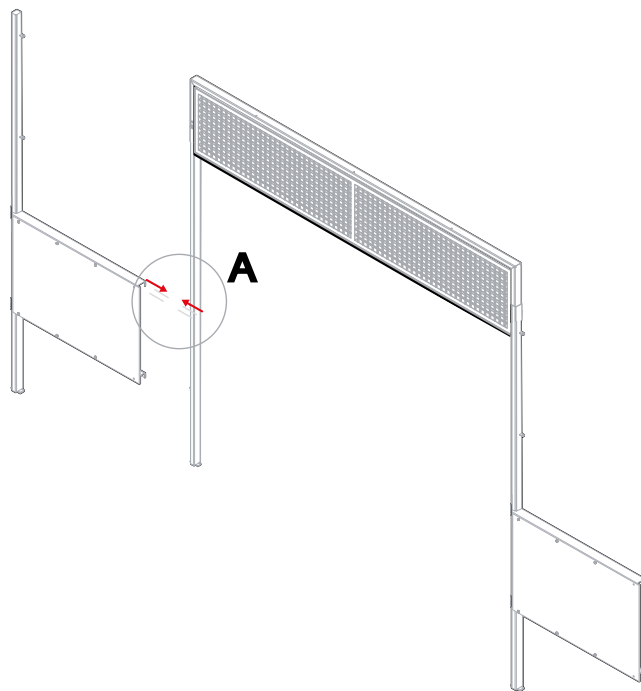


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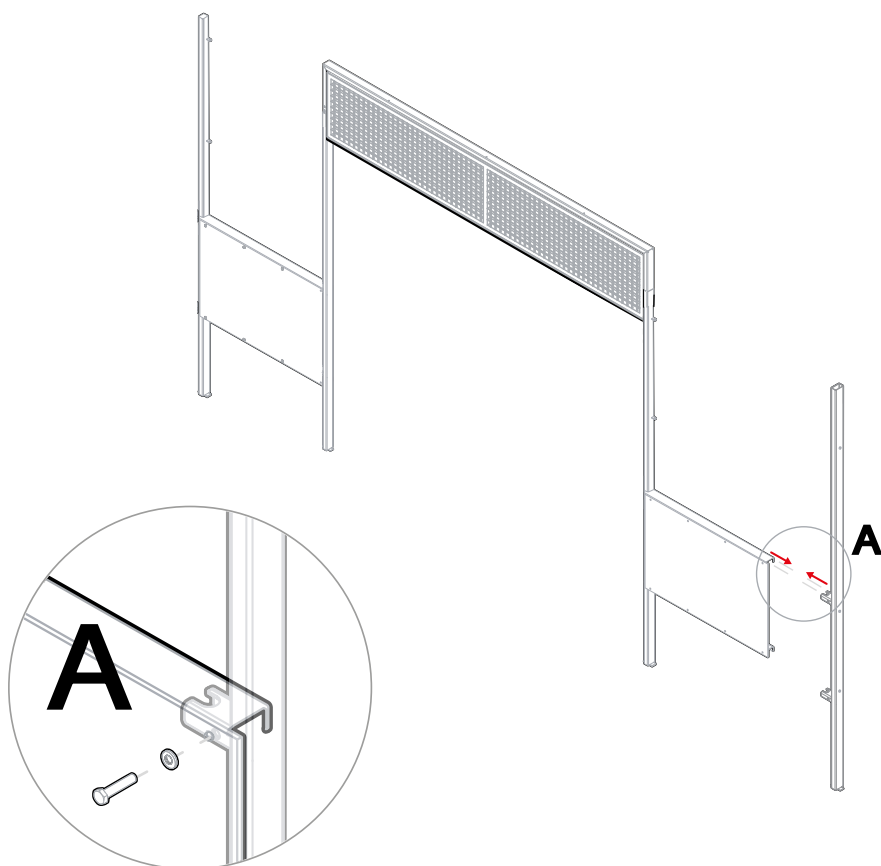
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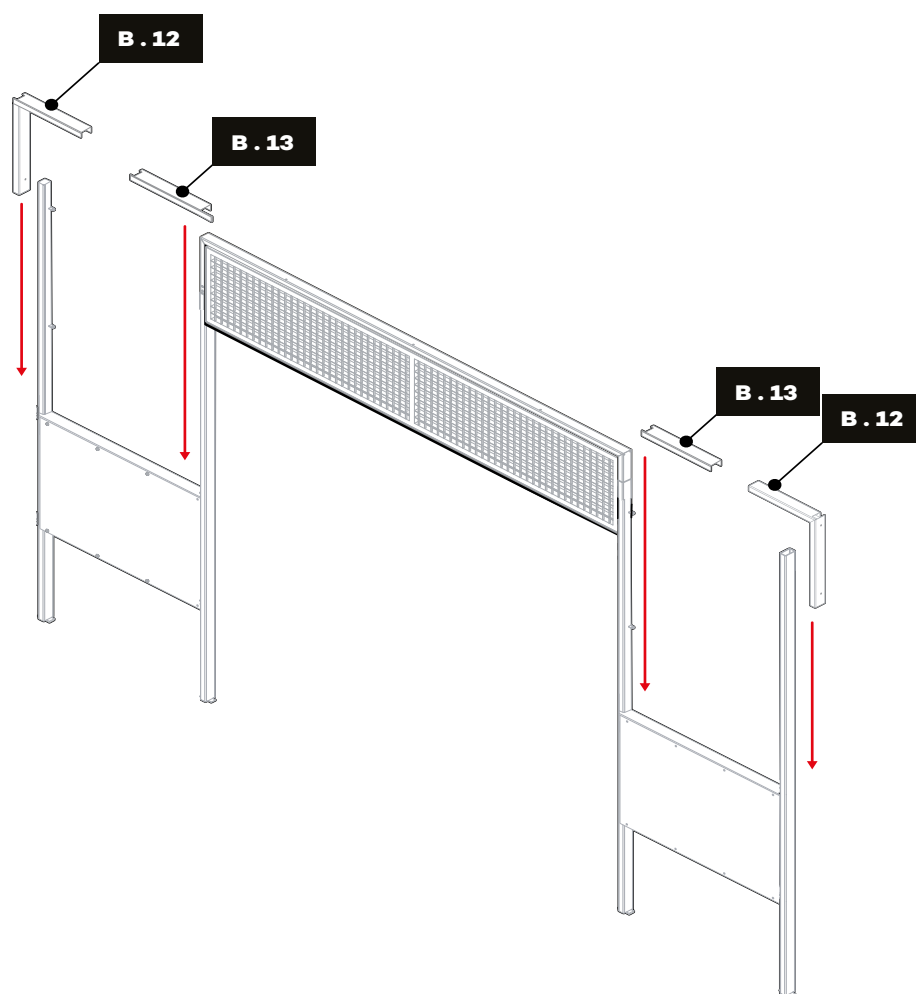
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B.7



B.8





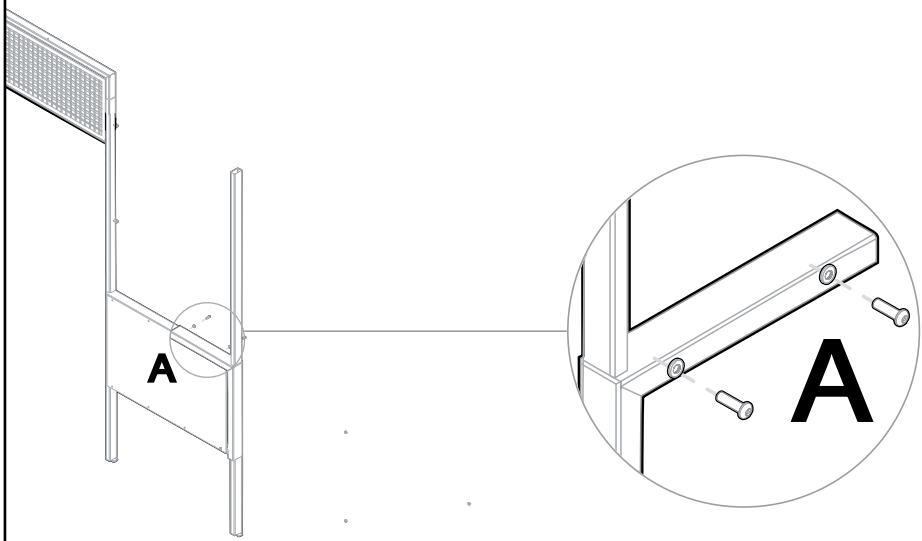
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B

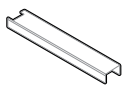
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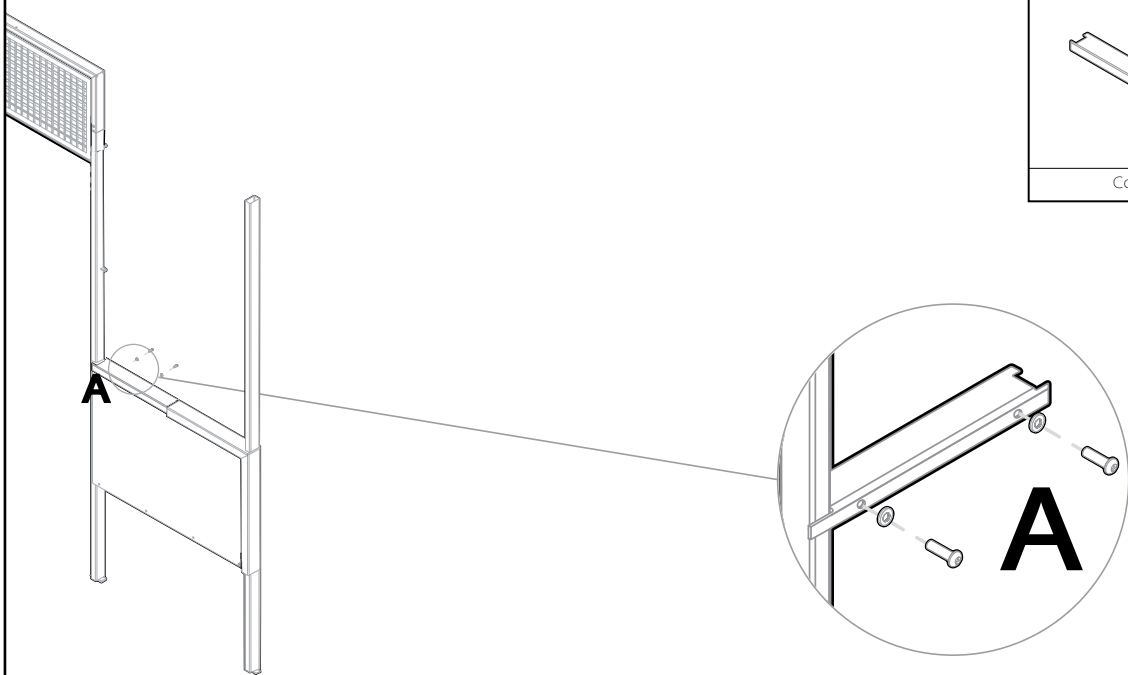
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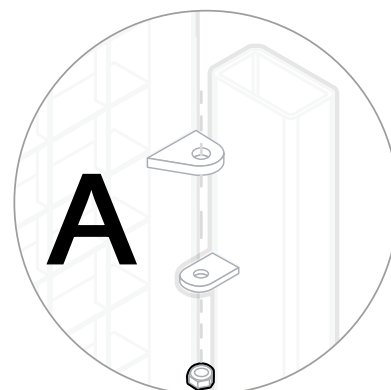
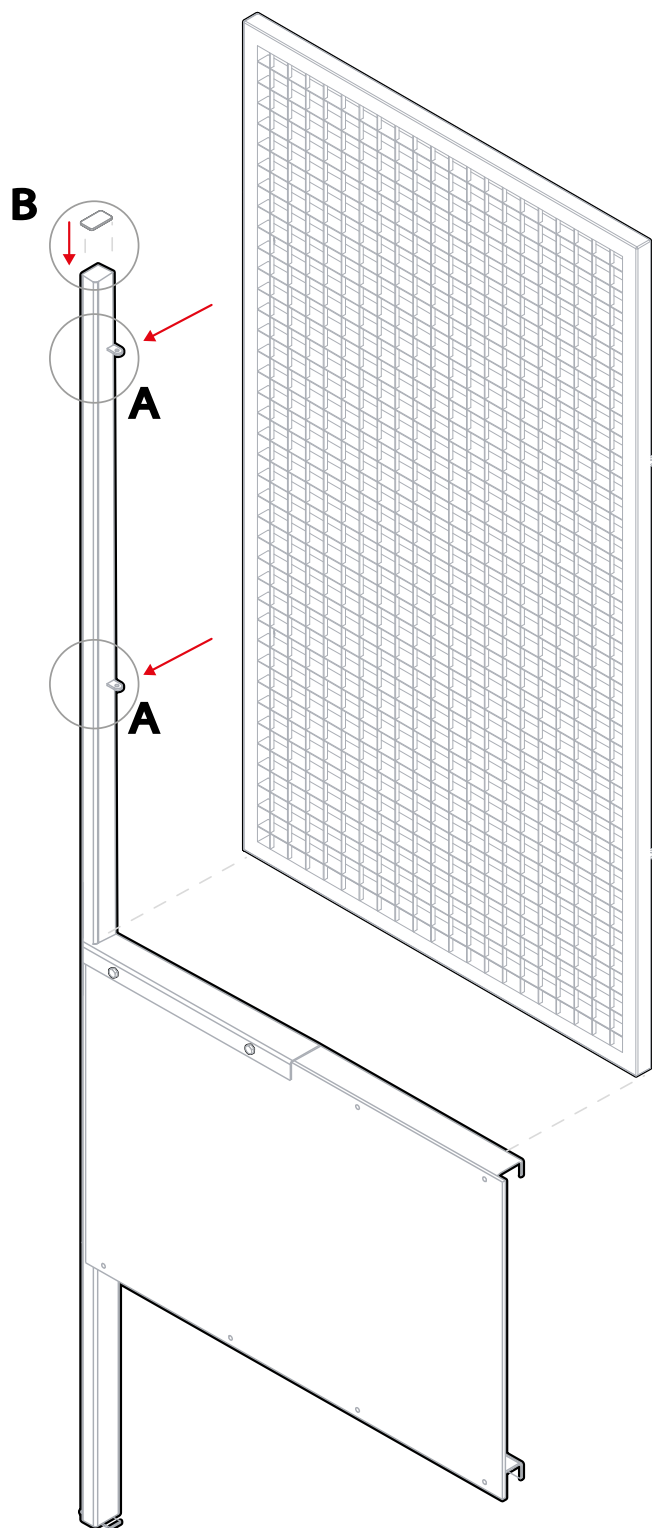
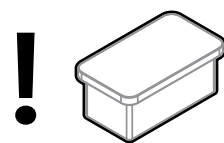
079 - 470	1 PCS
	
Cover	



B . 11

079 - 302	1 PCS
	
Cover	

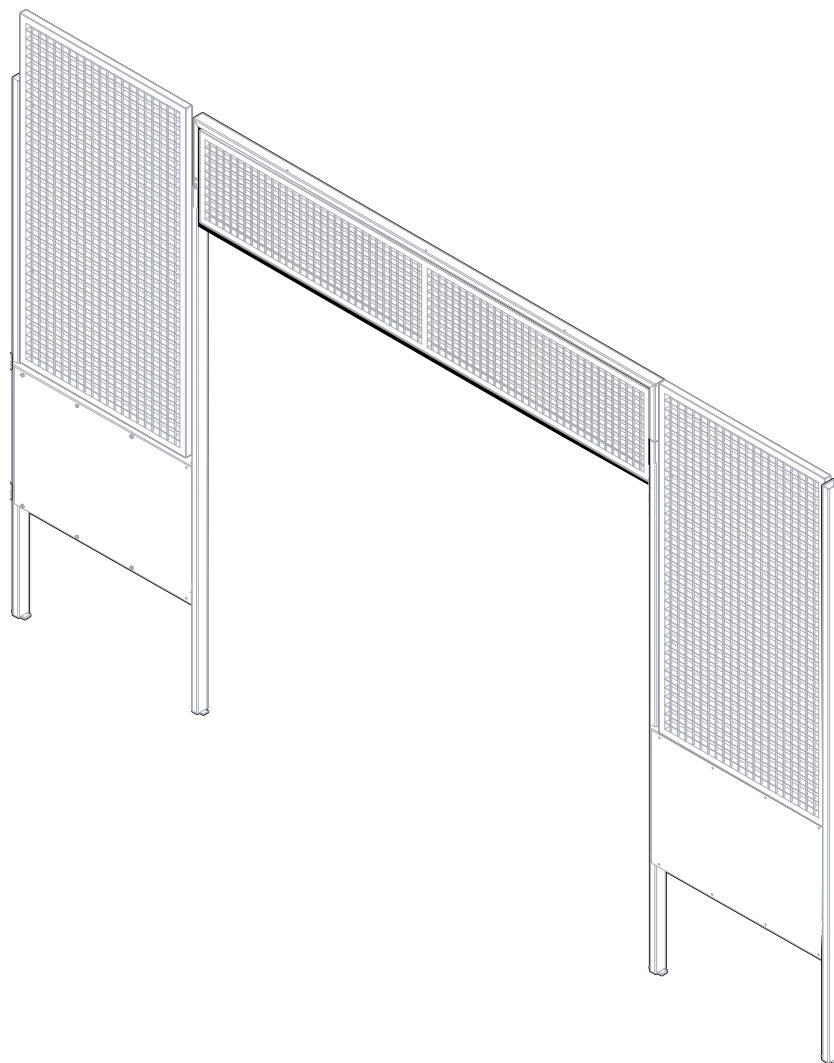




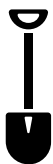
A

B

C



C

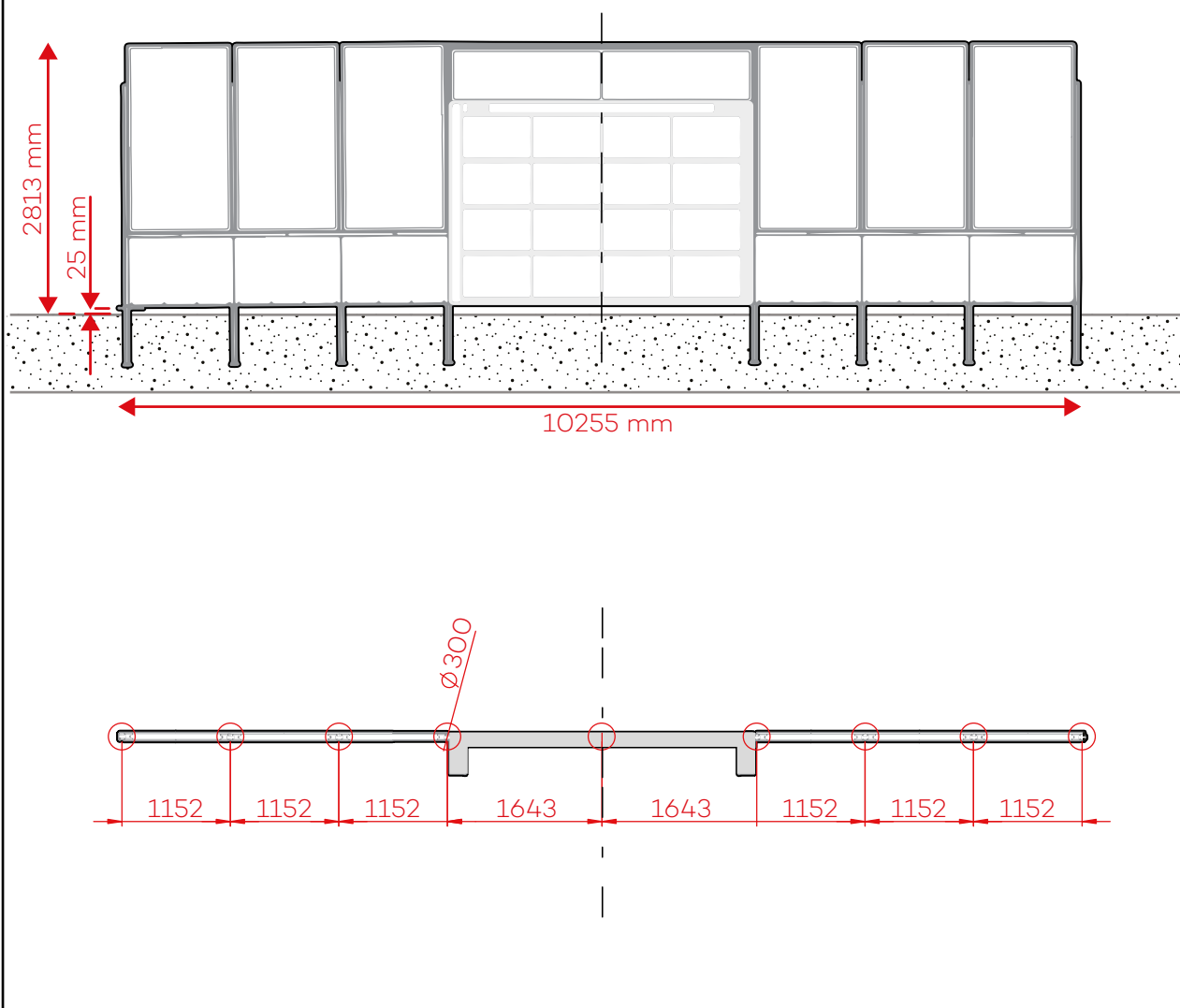


A

B

C

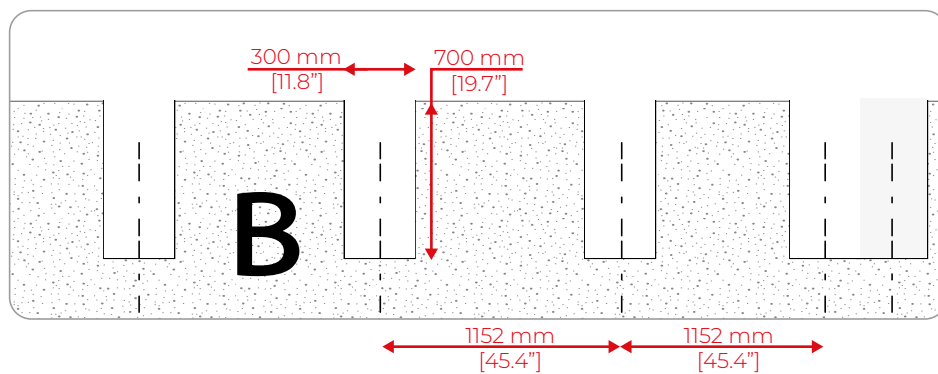
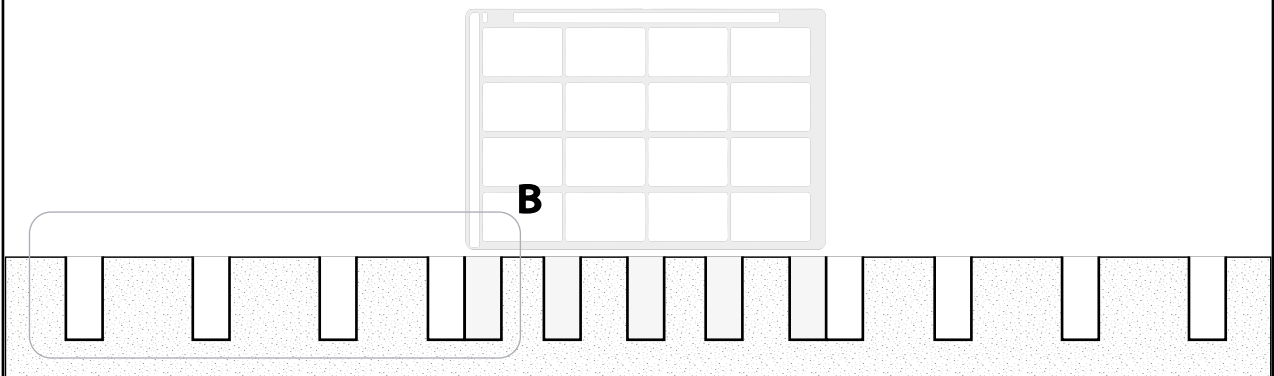
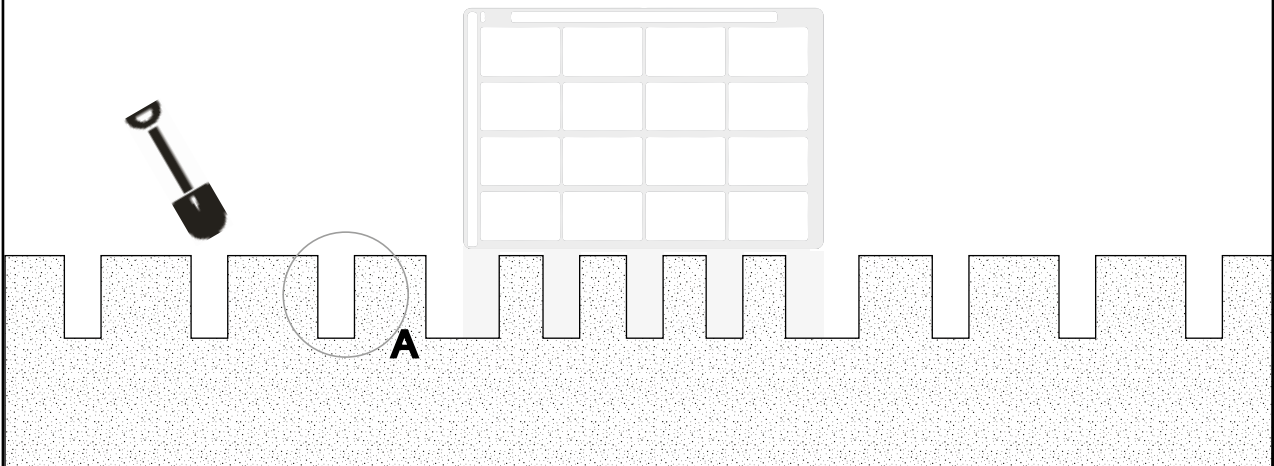
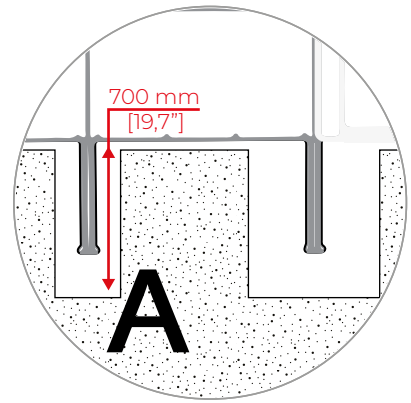
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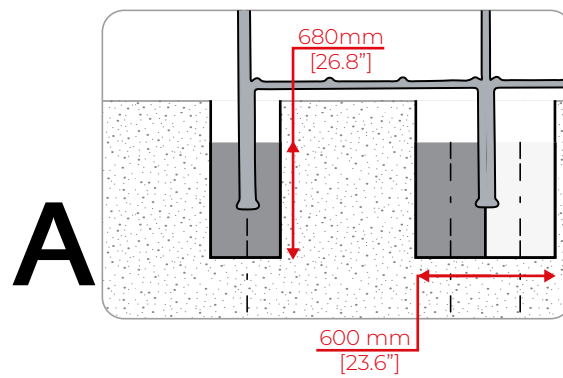
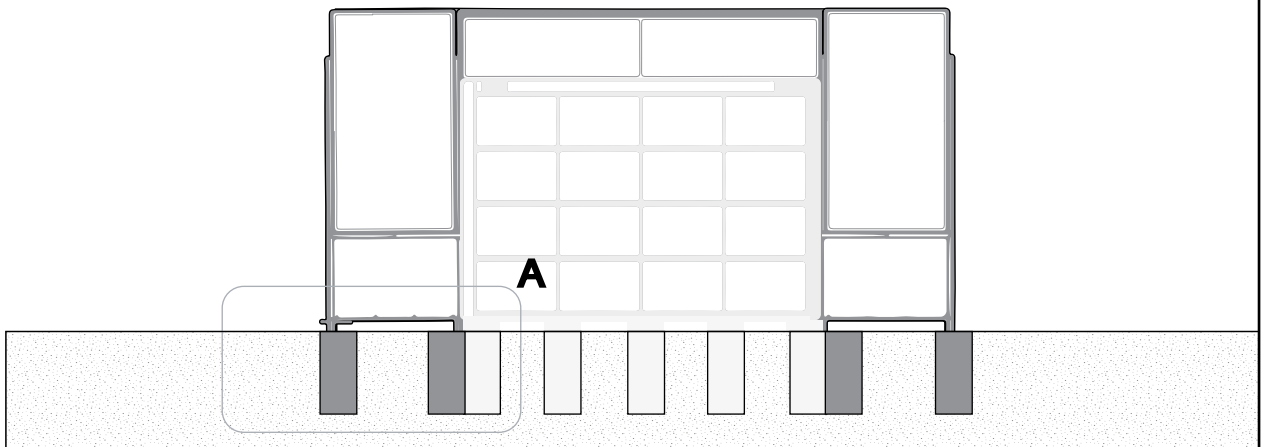
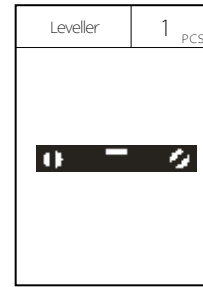


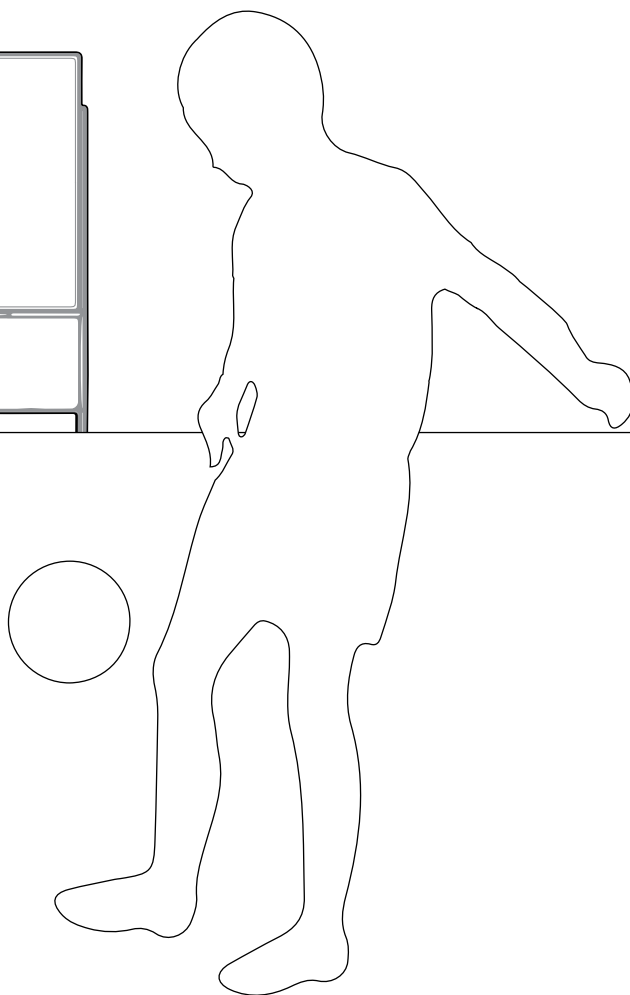
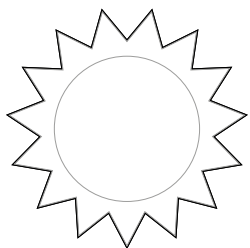
A

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
Model		
Model	Sutu boarding fence XL	
Model No.	290350	
Country of Origin	Made in the Netherlands	
Transport		
Pallet Material	Pine wood	
Pallet Dimensions (L x W x H)	3.30 x 1.1 x 1.0 m	130 x 43 x 40 inches
Total Package Weight	295 kg	650 lbs
Dimensions		
Installed Boarding (LxWxH)	5.62 x 2.81 x 0.1 m	221 x 111 x 4 inches
Weight		
Net Weight Boarding	245 kg	540 lbs

STANDARDS

Standards
<i>Europe</i>

EN

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DE

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	Quantity	Material	Finish
079-300		1		
037-341	Lower girder	1	Steel	Galvanized/powder coat
037-351	Upper girder	1	Steel	Galvanizing/powdercoating
079-170	Grid	1	Steel	Galvanized
079-360	End post	1	Steel	Galvanized/powder coat
079-370	End cover	1	Steel	Galvanized/powder coat
037-101	HPL plate	1	HPL	-
100-501	Sealing cap	1	PA	-
100-401	Rubber NPDM 25x2 mm	3.3 m	EPDM	-
100-405	Rubber NPDM 10x4 mm	1.75 m	EPDM	-
100-211	Buttonhead x 30	M8 20	Stainless Steel	Lubocoat
100-208	Buttonhead 20	M8 x 4	Stainless Steel	Dri Loc 2045
100-281 A2	Washer D125A M8	4	Stainless Steel	-
100-271 A2	Lock nut M8	4	Stainless Steel	-
079-700		1		
037-341	Lower girder	1	Steel	Galvanized/powder coat
037-351	Upper girder	1	Steel	Galvanized/powder coat
079-170	Grid	1	Steel	Galvanized
079-302	Cover	1	Steel	Galvanized/powder coat
079-360	End post	1	Steel	Galvanized/powder coat
079-402	Cover	1	Steel	Galvanized/powder coat
079-835	End post	1	Steel	Galvanized/powder coat
086-650	Frame Sutu	1	Steel	Galvanized/powder coat
086-720	Ball catcher	1	Steel	Galvanized/powder coat
037-101	HPL plate	1	HPL	-

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100-401	Rubber EPDM 25x2 mm	3.3 m	EPDM	-
100-405	Rubber EPDM 10x4 mm	1.75 m	EPDM	-
037-100	HPL plate	1	HPL	-
100-211	Button head M8 x 30	35	Stainless Steel	Lubocoat
100-208	Button M8 x 20	4	Stainless Steel	Dri Loc 2045
100-281 A2	Washer D125A M8	4	Stainless Steel	-
100-271 A2	Lock nut M8	4	Stainless Steel	-
079-400		1		
079-470	Corner cover	1	Steel	Galvanized/powder coat
079-835	End post	1	Steel	Galvanized/powder coat
100-501	Sealing cap	1	PA	-
100-405	Rubber	1.75 m	EPDM	-
100-211	Button head M8 x 30	4	Stainless Steel	Lubocoat

NOT INCLUDED MATERIALS

Description	Metric	Imperial
Wrench	13 mm	1/4
Wrench	17 mm	11/16
Level		
Allen key 5		
Bit T50		
Shovel		
Tape Measure		
Cordless Drill		
Utility Knife		
<i>Ground Installation</i>		
Rapid drying concrete (C20/C25 ± 200 ltr (460 kg)		1014 lbs
EN -EN206-1/-8005)		
<i>Surface Installation</i>		
Hammer Drill	-	-

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Chemical Anchor (4000N) e.g., M10
Hilti HIT 170 with 8.8 anchor
M10 (in combination with C20/
C25 concrete)

A. PREPARATION

A.1 Transportation advice

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.

WARNING 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.2 Dimensions of an Installed Boarding

A.3 General Assembly of a Building Element

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 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.

A.4 to **A.7** show the parts out of which the various building blocks consist and where these blocks are located in the assembly after installation.

WARNING Assembly 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.

B.2 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. Install 6 of the 8 assembly bolts as shown in the image. The last 2 bolts are applied when coupling the building blocks. Note: do not yet place end caps on these uprights!

B.3 Mount the upright to the already placed Sutu.

B.4 Connect the uprights at the top by mounting the horizontal bracket.

B.5 Place the grille in this building block in advance.

B.6 Assemble all building blocks. Ensure that end caps are placed on the uprights here.

B.7 Couple all loose building blocks.

B.11 After all building blocks are coupled, apply the covers. Ensure that the seams are evenly distributed and of equal size.

CAUTION Tighten bolts carefully to prevent damaging the paint.

B.14 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.

C. STRUCTURAL ASSEMBLY

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

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

C.2 Dig the holes for the concrete foundation according to the exact dimensions indicated in the images. Then place all the uprights of the building blocks in the dug holes and couple the building blocks.

C.3 Ensure that all uprights are completely level. If necessary, use additional support materials such as slats and clamps to keep the uprights in place. Once the uprights are correctly positioned, fill the holes with C20/25 concrete to the specified height.

C.4 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 Sutu.

SUPPORT

For questions, comments, or assistance, you can always contact the headquarters of Lappset.

Lappset

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support@lappset.com

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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DISCLAIMER

Deze installatiehandleiding is enkel bedoeld voor informatieve doeleinden. De producten die erin worden beschreven kunnen zonder voorafgaande kennisgeving worden gewijzigd.

Deze installatiehandleiding voorziet niet in informatie omtrent alle mogelijke productvarianties of eventuele toevalligheden die tijdens de installatie, het gebruik of het onderhoud van het product kunnen voorvallen.

Lappset heeft er alles aan gedaan om ervoor te zorgen dat deze installatiehandleiding correct is.

Lappset aanvaardt geen aansprakelijkheid voor eventuele onjuistheden of weglatingen in deze installatiehandleiding.

Lappset geeft geen verklaringen of garanties met betrekking tot deze installatiehandleiding of met betrekking tot de hierin beschreven producten.

Lappset is niet aansprakelijk voor schade, verlies, kosten of uitgaven, direct, indirect of incidenteel voortvloeiend uit of verband houdend met het

gebruik van deze installatiehandleiding of de hierin beschreven producten.

Als meer informatie gewenst is, of als er zich problemen voordoen die niet voldoende worden behandeld, of als u informatie in deze installatiehandleiding vindt die onjuist, misleidend of onvolledig is, dan stellen wij uw opmerkingen en suggesties zeer op prijs.

WARNING Belangrijke informatie! Het niet doorlezen van dit document kan leiden tot serieus letsel en/of schade aan het product.

- Lees deze installatiehandleiding zorgvuldig en volledig door alvorens je het product installeert
- Volg elke installatiestap zorgvuldig op
- Gebruik gezond verstand bij de installatie van dit product
- Neem contact met ons op als je twijfelt over de installatie
- Bewaar deze handleiding voor eventueel later gebruik

EIGENSCHAPPEN EN ONDERDELEN

PRODUCTEIGENSCHAPPEN

Omschrijving	Metrisch	Imperiaal
<i>Model</i>		
Model	Sutu boarding fence L	
Model nr.	290350	
Land van herkomst	Made in the Netherlands	
<i>Transport</i>		
Pallet materiaal	Vurenhout	
Pallet afmetingen (L x B x H)	3.30 x 1.1 x 1.0 m43	130 x 43 x 40"
Gewicht totaal pakket	295 kg	650 lbs
<i>Afmetingen</i>		
Geïnstalleerde boarding (LxBxH)	5.62 x 2.81 x 0.1 m	221 x 111 x 4"
<i>Gewicht</i>		
Netto gewicht boarding	245 kg	540 lbs

Normen

Europa

NEN-EN 1176:2019

CE

ONDERDELENLIJST

NOTICE Repareer nooit een defect zonder Lappset te raadplegen.

NOTICE Vervang nooit onderdelen voor niet-originele Lappset onderdelen. Het Lappset product is gekeurd als totaal product, waarbij zorgvuldig de onderdelen zijn uitgekozen om veiligheid en kwaliteit te waarborgen.

Nummer	Omschrijving	Aantal	Materiaal	Afwerking
079-300		1		
037-341	Onder ligger	1	Staal	Verzinkt/poedercoat
037-351	Boven ligger	1	Staal	Verzinkt/poedercoat
079-170	Rooster	1	Staal	Verzinken
079-360	Eindstaander	1	Staal	Verzinkt/poedercoat
079-370	Eindafdekker	1	Staal	Verzinkt/poedercoat
037-101	HPL plaat	1	HPL	
100-501	Afdichtingsdop	1	PA	
100-401	Rubber 25x2 mm	3.3 m	EPDM	
100-405	Rubber 10x4 mm	1.75 m	EPDM	
100-211	Bolkop M8 x 30	20	RVS	Lubocoat
100-208	Bolkop M8 x 20	4	RVS	Dri Loc 2045
100-281 A2	Ring D125A M8	4	RVS	
100-271 A2	Zelfb. moer M8	4	RVS	

079-700		1		
037-341	Onder ligger	1	Staal	Verzinkt/poedercoat
037-351	Boven ligger	1	Staal	Verzinkt/poedercoat
079-170	Rooster	1	Staal	Verzinkt
079-302	Afdekker	1	Staal	Verzinkt/poedercoat
079-360	Eindstaander	1	Staal	Verzinkt/poedercoat
079-402	Afdekker	1	Staal	Verzinkt/poedercoat
079-835	Eindstaander	1	Staal	Verzinkt/poedercoat
086-650	Frame Sutu	1	Staal	Verzinkt/poedercoat

EN

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086-720	Ballenvanger	1	Staal	Verzinkt
037-101	HPL plaat	1	HPL	
100-401	Rubber 25x2 mm	3.3 m	EPDM	
100-405	Rubber 10x4 mm	1.75 m	EPDM	
037-100	HPL plaat	1		
100-211	Bolkop M8 x 30	35	RVS	Lubocoat
100-208	Bolkop M8 x 20	4	RVS	Dri Loc 2045
100-281 A2	Ring D125A M8	4	RVS	
100-271 A2	Zelfb. moer M8	4	RVS	
079-400		1		
079-470	Hoek afdekker	1	Staal	
079-835	Eindstaander	1	Staal	
100-501	Afdichtingsdop	1	PA	
100-405	Rubber	1.75 m	EPDM	
100-211	Bolkop M8 x 30	4	RVS	Lubocoat

NIET MEEGELEVERDE MATERIALEN

Omschrijving	Metrisch	Imperiaal
Moersleutel	13 mm	1/4
Moersleutel	17 mm	11/16
Waterpas		
Stiftsleutel T50		
Bit T50		
Schop		
Rolmaat		
Accu schroevendraaier		
Stanley mes		
<i>Grondmontage</i>		
Sneldrogend beton (C20/C25 NEN -EN206-1/-8005)	± 200 ltr (460 kg)	1014 lbs
<i>Opbouw montage</i>		
Klopboor	-	-
Chemisch anker (4000N) bijv. Hilti HIT 170 met 8.8 anker M10 (in combinatie met > C20/C25 beton)	M10	-

A. VOORBEREIDING

A.1 Advies voor transport

WARNING Het niet treffen van de juiste voorzorgsmaatregelen kan ongelukken en/of schade tot gevolg hebben.

WARNING Volg bij het gebruik van zware apparatuur de veiligheidsinstructies van de fabrikant.

CAUTION Diegenen die het product plaatsen of vervoeren dienen de benodigde veiligheidskleding te dragen.

- Controleer voor transport de pallet op schade en/of losse onderdelen. Meld schade of losse onderdelen onmiddellijk aan de leverancier.
- Het gebruik van (zware) apparatuur dient gedaan te worden door een daarvoor gecertificeerd persoon.
- Gebruik voor transport altijd de meegeleverde pallet en transportmaterialen.
- Extra uitrusting kan nodig zijn om het product veilig te vervoeren.
- Zorg ervoor dat het gebruikte materiaal het gewicht en de grootte van het product aankan.
- Pak het product zo dicht mogelijk bij de uiteindelijke installatieplaats pas uit om schade tijdens intern transport te minimaliseren.

A.2 Afmetingen van een geïnstalleerde boarding

A.3 Algemene montage van een bouwelement

- Let op dit is slechts een voorbeeld van een montage, deze geldt als algemene methode voor het samenstellen van de bouwelementen. Verderop in de manual worden alle onderdelen per bouwelement afzonderlijk beschreven.

CAUTION In deze stap worden de elementen B en F, genoemd in A.3 'General mounting example', nog niet geïnstalleerd. Deze elementen worden pas aan het einde van de montage gemonteerd, nadat alle andere onderdelen met elkaar zijn verbonden.

CAUTION Degenen die het product uitpakken dienen de vereiste bescherming en kleding dragen.

CAUTION Pak het product niet uit voordat deze op de uiteindelijke installatieplaats gearriveerd is om schade te voorkomen.

- Gebruik een vorkheftruck o.i.d om de pallets te laden en te lossen.
- Controleer het product tijdens het uitpakken op schade en ontbrekende onderdelen.
- Hergebruik en recycle het verpakkingsmateriaal op de juiste manier.

A.4 t/m A.7 tonen uit welke onderdelen de verschillende bouwstenen bestaan en waar deze bouwstenen zich in de samenstelling bevinden na montage.

WARNING Opbouw montage is alleen mogelijk als de oppervlakte bestaat uit ten minste 15cm goede kwaliteit beton.

B. GRONDMONTAGE

NOTICE Zorg ervoor dat alle voorbereidingen zijn getroffen zoals beschreven in hoofdstuk A.

NOTICE Alvorens te starten met montage van alle delen voer stap C.2 van deze manual uit en bereidt het grondwerk voor!!

B.1 Overzicht samenstelling.

B.2 Indien nodig, ontvet de metaaldelen en breng dubbelzijdige tape aan. Plaats de smalle tape (10x4) op de horizontale liggers en de bredere tape (25x5) op de staanders. Monteer 6 van de 8 montagebouten zoals getoond in de afbeelding. De laatste 2 bouten worden aangebracht bij het koppelen van de bouwstenen. Let op: plaats nog geen afdekdoppen in deze staanders!

B.3 Monteer de staander aan de reeds geplaatste Sutu.

B.4 Verbind de staanders aan de bovenzijde met elkaar door de horizontale beugel te monteren.

B.5 Plaats alvast in deze bouwsteen het rooster.

B.6 Assembleer alle bouwstenen. Let op dat er hier wel afdekdoppen geplaatst moeten worden in de staanders.

B.7 Koppel alle losse bouwstenen aan elkaar.

B.11 Nadat alle bouwstenen zijn gekoppeld, breng dan de afdekkers aan. Zorg ervoor dat de naden gelijkmatig verdeeld zijn en even groot.

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Made in the Netherlands

290350-250127