selt sun protection systems

11.13
DT-E

OPERATING AND MAINTENANCE MANUAL

INSTALLATION,

OPERATION AND SAFETY INSTRUCTIONS
(Translation of the original instructions)

11. Awnings
11.13 **BORA** vertical side awning

PRODUCT NAME:

- SUNSHADE
  BORA VERTICAL SIDE AWNING

PRODUCT OEM IDENTIFICATION:

- Manufacturer's name:
  SELT Sp. z o. o.
  KRS 0000589791, share capital: PLN 211,815,000
  NIP (tax ID): 7543103311, REGON: 363154414, BDO 000009177

- Head office:
  45-449 Opole, ul. Wschodnia 23A

- Contact details:
- Tel.: +48 534 598 065

- Website:
  www.selt.com

- E-mail:
  kontakt@selt.com

PRODUCT SAFETY MARKING:

This product meets CE safety requirements.

THIS MANUAL:

- is valid from: 15 May 2025

- applies to the product versions specified above.

CONTENTS

1 INTRODUCTION

1.1 PRODUCT SAFETY GUIDELINES

This product has been manufactured in accordance with the latest technical knowledge in design and manufacturing processes and meets the safety requirements established in the standards listed below.

The safe design of this product has been achieved through the following:

#	Subject	Applicable European laws	Applicable Polish laws
1	External blinds. Performance requirements including safety	EN 13561:2015	PN-EN 13561:2015
2	Construction Products Regulation (CPR)	Regulation 305/2011 of the European Parliament and of the Council	Polish Construction Products Act of 16/04/2004 (Dz. U. 2021.1213) as amended

Relevant documents: Declaration of Performance

1.2 EXPLANATION OF SIGNS AND SYMBOLS

The following symbols indicate particularly important safety information.

Symbol	Explanation	Wording
	NOTICE	Read the instructions before use Compliance with the instructions is required for: - trouble-free operation of the product; - its intended use; - continued consumer rights granted under e.g. the warranty policy. Keep the instructions for personnel safety.
	NOTICE	No harmful or hazardous consequences for people or property are involved.
	CAUTION!	Indicates a condition which may result in product damage or that an action is required from the user. No hazard to people is involved.
	DANGER!	Indicates all safety notices failure to comply with which will result in injury or death. Health or life hazard. Risk: danger of severe injury or death. Dangerous operation which may result in injury or product damage.

1.3 TERMS AND DEFINITIONS

The terms and definitions used in this document have the following meaning:

VERTICAL AWNING: a sun-shading product for outdoor installation and with its axis of (un)winding perpendicular to the ground, with a laterally-oriented fabric unwinding system. The product can also be used as a partition for partial separation of a patio or another usable area.

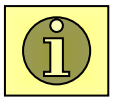
AWNING FABRIC: the fabric provides shading against sunlight together with a decorative effect. The fabric is made of premium materials and (un)wound by operating a manual movement; the fabric ensures the intended function of the product.

1.4 SUBJECT, INTENDED USE, AND CONTENTS OF THIS MANUAL

This Manual concerns specific products manufactured by **SELT Sp. z o.o**.
This Manual applies to all types of the BORA vertical side awning.

Hand the Installation, Operation and Safety Instructions to the end user of the product.

IMPORTANT SAFETY INSTRUCTIONS
WARNING: COMPLIANCE WITH THESE INSTRUCTIONS IS CRITICAL TO THE SAFETY OF PEOPLE
KEEP THE INSTRUCTIONS FOR FUTURE REFERENCE



This Manual is valid together with the product-specific information available at www.selt.com

This Manual includes:

- Important recommendations for the installation, use and maintenance of the product;
- Important recommendations for transport and storage;
- Guidelines to be followed in order to operate the product.

SELT shall not be liable for any damage or injury resulting from failure to comply with the recommendations contained in this Manual.

In pursuit of continuous improvement of its products, SELT reserves the right to all modifications which do not alter major technical specifications of the products while being deemed necessary to improve the quality, operation, and safety of the products.

2 PRODUCT'S TECHNICAL SPECIFICATIONS

The technical specification of this product is available by logging on to www.selt.com

2.1 TECHNICAL SPECIFICATIONS

BORA VERTICAL SIDE AWNING	
Unwound length:	up to 4 m
Maximum unwound length	4 m
Min. height	1.1 m
Max. height	2 m
Winding shaft diameter	70 mm
Manual movement	LH or RH torsion spring
Colour finish	(powder coating) White, beige, brown, textured graphite, or silver
Fabric	Awning-specific, ca. 150 different designs available
Application	Outdoor
On-site installation	Wall; permanent attachment to the ground

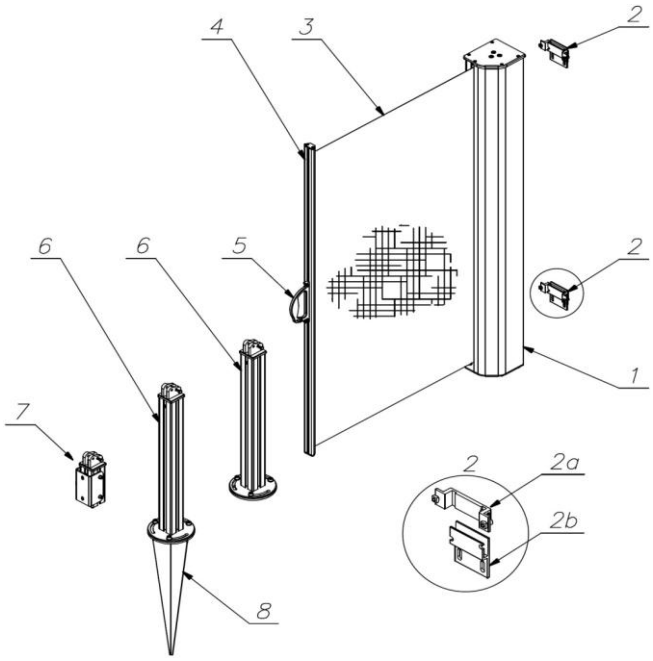
The awning overall width tolerance is ± 2 cm. The awning fabric dimensional tolerance is ± 20 mm.
Due to production processing, there are acceptable differences in colour tones which will not be accepted as reasonable claims for warranty defects.

2.2 PRODUCT OVERVIEW

Selt's products boast excellent technical specifications and performance.
This overview explains the features of the product:

- Provides excellent sun-shading of areas like patios or balconies;
- Can also be used as a partition for partial separation of areas;
- Protects against strong sunlight and irradiation.
- Provides a neat, strong and durable structure.
- Good for use in commercial venues with its simple and robust design.
- The awning fabrics are made from premium materials and coated with a waterproof formula to provide a protective barrier with enhanced resistance to dirt.

2.3 STRUCTURE OF THE BORA VERTICAL SIDE AWNING



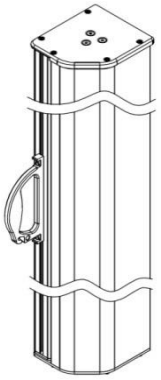
1. Winding shaft box
2. Box mount

2a. Box bracket
2b. Bracket hanger

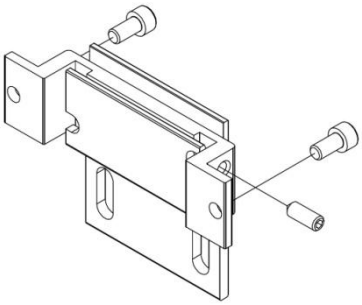
3. Fabric
4. Front beam
5. Pull handle
6. Receiver post
7. Wall receiver
8. Ground spike

2.4 VERTICAL SIDE AWNING COMPONENTS

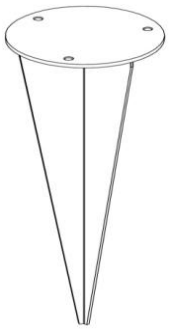
Winding shaft box *(left-hand drive installation shown)*



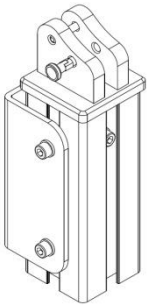
Box mount



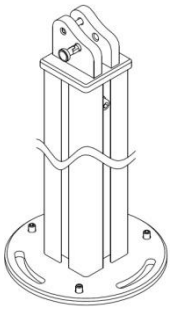
Ground spike (fore the receiver post)

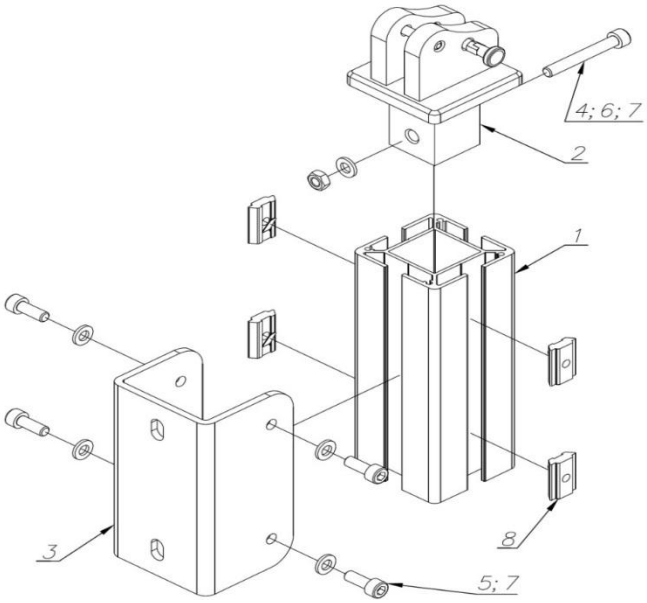


Wall receiver



Receiver post

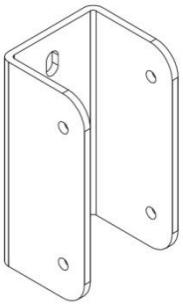




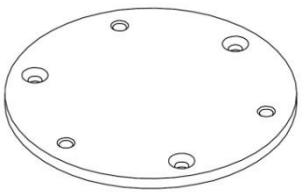
Wall receiver components

1) Bora Windbreaker post, L=150 mm — 1 x
2) Pull handle receiver fixture assembly — 1 x
3) Wall receiver bracket — 1 x
4) M6x45 bolt (DIN 912) — 1 x
5) M6x16 bolt (DIN 912) — 4 x
6) M6 nut (DIN 934) — 1 x
7) #6 washer (DIN 125-1A) — 6 x
8) M6 DSP bolt insert plate — 4 x

Wall receiver bracket

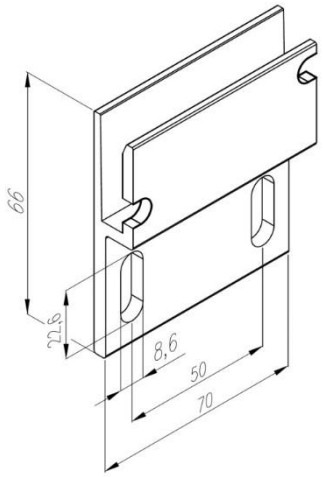


Fixed footplate

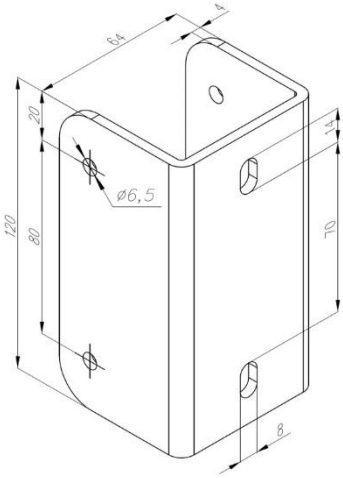


2.5 VERTICAL SIDE AWNING DIMENSIONS

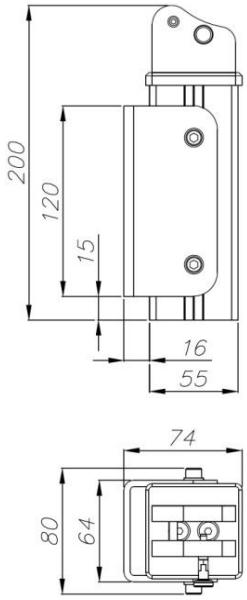
Bracket hanger



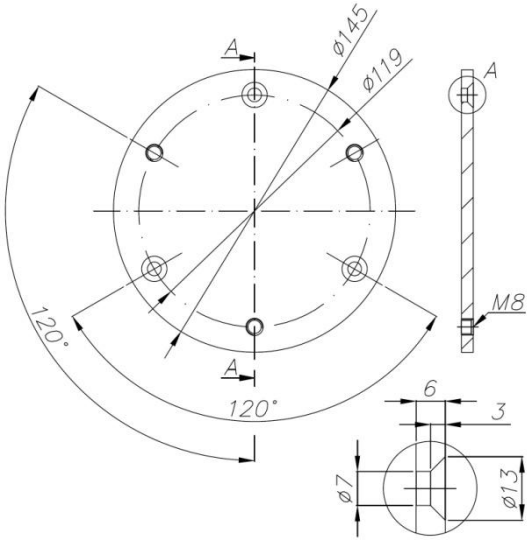
Wall receiver bracket



Wall receiver

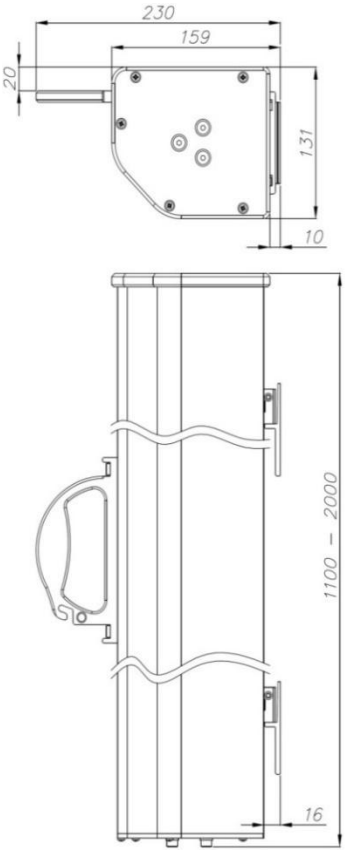


Fixed footplate

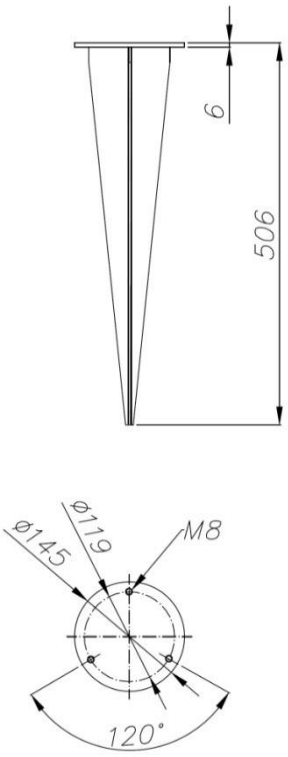


Detail A

Winding shaft box



Ground spike (fore the receiver post)



3 TRANSPORT AND STORAGE

3.1 DELIVERY CONTENTS AND QUALITY CONDITIONS

SELT Sp. z o. o. makes every effort to ensure that the product conforms to the order. However, it is up to the buyer to verify that the product is complete upon delivery.
If the product does not conform to the order, claim this to the freight forwarder / warehouse worker / installation crew as applicable and record the claim on the proof of delivery; otherwise no claims will be accepted.
The buyer should inspect the quality looking for obvious defects during product delivery to its destination. Obvious defects are evidence of damage, scratches, cracks, etc.
SELT Sp. z o.o. will supply all missing components of the product and replace all components of the product verified to be defective as soon as possible.

3.2 GENERAL CONDITIONS FOR TRANSPORT AND STORAGE

List:

- The product is factory packed in a cardboard box for protection against damage during storage, transport and handling at the installation site.
- Position the packaged product for transport/storage in the orientation shown by the arrows on the box.
- Do not stack more than 2 product boxes; otherwise the lower box(es) may collapse and permanently damage the contents.
- Secure the products on the load bed of the transport vehicle to prevent shifting and impact damage (use dunnage, lashing, etc.).
- Shelter the products in transport against snow and rain.
- The storage location should be dry, sheltered (from rain, snow, sun, etc.) and ventilated.
- If the weight of the product exceeds 25 kg, it must be handled to its installation location by at least two people.

3.3 OBLIGATORY NOTICES DISPLAYED ON THE PRODUCT PACKAGING

Before installing and operating this product, read the Operating and Maintenance Manual available on www.selt.com/dte-pl

4 INSTALLING THE PRODUCT

This Section specifies the general requirements for the installation of this product.
Correct installation is a prerequisite for trouble-free operation of the product. SELT recommends hiring professional installer crews which will ensure proper installation of the product for the buyer.

General requirements for safe installation

- Follow the applicable good construction practice.
- Follow the applicable health and safety regulations. especially those concerning safe operation and servicing of electrical equipment and work at height.
- The product requires installation with hardware fasteners (caulking foams, adhesives and similar chemical products are not approved for attaching this product).
- Attach the product to permanent building elements (a wall, a header beam, a steel or aluminium frame structure, or window frame).
- The substructure to which the product mounts will be attached must be sound (like concrete, brickwork, etc.).
- Do not attempt to install/attach this product to any member which will fail to ensure proper load bearing capacity.
- This product is to be installed on a dry, level and sufficiently strong surface made in compliance with prevailing good construction practice.
- For installation on a surface of metal sections joined in compliance with good metal fitting practice, the substructure for product installation must be a section wall thick enough.
- Before attempting to install this product, remove all obsolete objects and obstacles from the installation site.

Table of suitable substructures for product installation

The product requires attachment to a substructure or a subframe of suitable strength and load capacity parameters.
These requirements for the substructure/subframe require verification by an expert for which the project owner/installer is liable.
Installation methods other than recommended by SELT are feasible according to good construction practice and know-how, as well as safety requirements. In each case, such installation method will require expert knowledge and be done at the sole risk of the installer or project owner.
It is recommended to coordinate this with a licensed construction engineer.

4.1 REQUIREMENTS FOR SAFE PRODUCT INSTALLATION AT HEIGHT

The installation of this product which requires working at height is an extremely hazardous work task, leading to an extremely high risk of hazard to human safety and health, especially by falling from height.

The product buyer is required to ensure the installation process follows the occupational health and safety regulations prevailing in the territory of installation and operation. The product buyer legally required to prepare a HASP (health and safety plan). During the installation process, the product buyer must comply with the work at height safety regulations, and specifically ensure the following:

- direct supervision of work at height execution by designated personnel only (e.g. the foreman or team leader);
- proper protective equipment, with priority for fall protection/arrest equipment;
- detailed job safety briefing for the personnel to work at height;
- obligatory use of ladders with valid quality and safety certificates, scaffolding systems, fall arrest tethering hardware, and catwalks rated for the reasonably planned load capacity.

Any work at a height which requires personal fall protection/arrest equipment must be done in teams of two or more people.

4.2 PREPARATION FOR THE INSTALLATION PROCESS

- Unpack the product and make sure that all the components necessary for its installation are present.
- Before installation, verify that the substructure has a sufficient load bearing capacity to ensure safe attachment and operation.
- Prepare all the tools required for DIY installation.

4.3 GENERAL PRODUCT INSTALLATION GUIDELINES

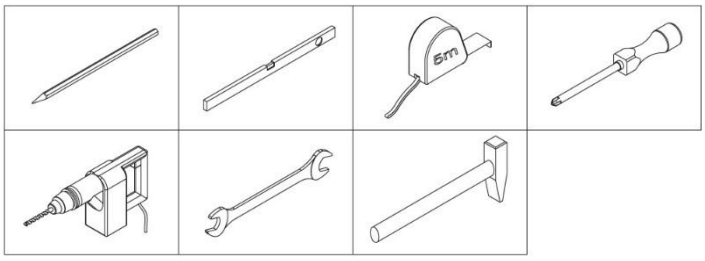
- Protect the product from soiling (with e.g. mortar, installation foam, silicone caulk, etc.) which may damage it.

- Do not install this product using any chemicals that contain bituminous components or any other components which can react with the product components.
- Attach the winding shaft box of the vertical side awning to a wall.
- Attach the wall receiver to a wall.
- Attach the receiver post to firm ground (made of concrete, brickwork, etc.).
- The receiver post attached to the ground spike must be driven upright into natural soil.

The standard packaging of the awning is bubble wrap film, with sensitive parts of the product protected by polyurethane foam mouldings in biodegradable plastic film, and the outer packaging being multi-ply cardboard; the correct orientation of the packaged product is upright, corresponding to the awning ultimately installed on a wall. Handle and transport the awning in this orientation only. Reorienting the packaged awning may result in shifting of the elastic brackets inside the winding shaft box, causing dark streaks along the sewn seams of the fabric.

Incorrect installation may result in hazards to the end user.

4.4 INSTALLATION TOOLS

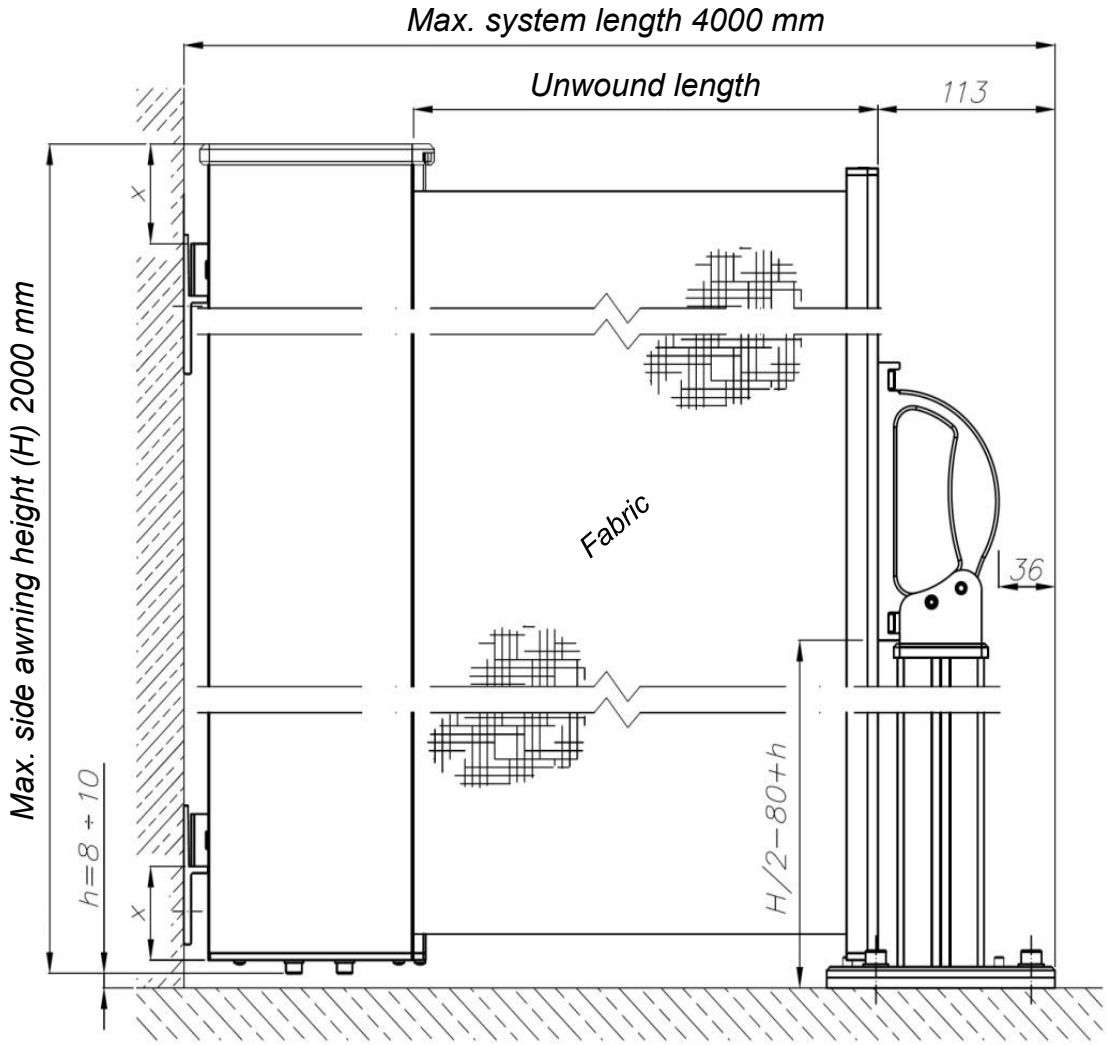
	Drill bits Impact power drill Screwdriver Hammer	Measure Pencil or felt-tip pen Spirit level Ring spanners Allen keys Wall plugs

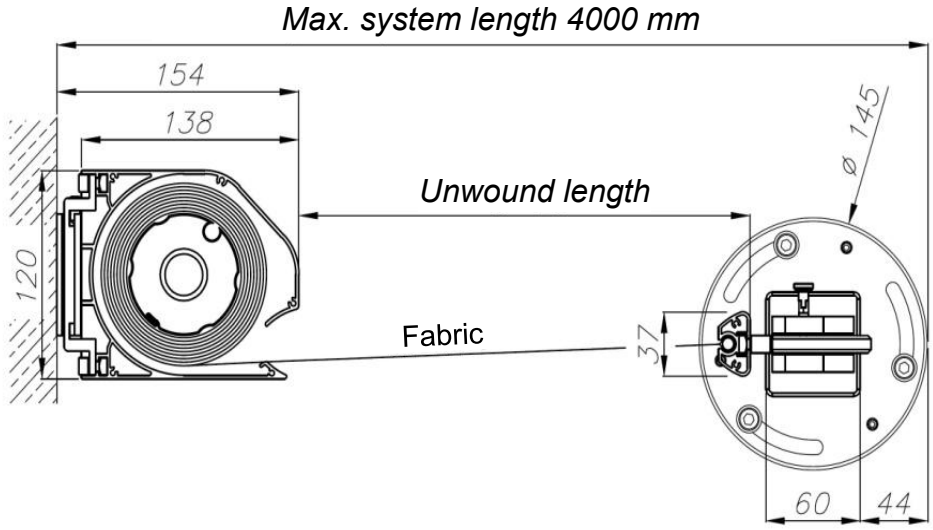
4.5 INSTALLATION OPTIONS FOR THE BORA AWNING: WALL RECEIVER OR RECEIVER POST

The Bora vertical side awning can be installed in one of the three possible configurations, depending on the installation of the receiver which mates with the pull handle on the front beam:

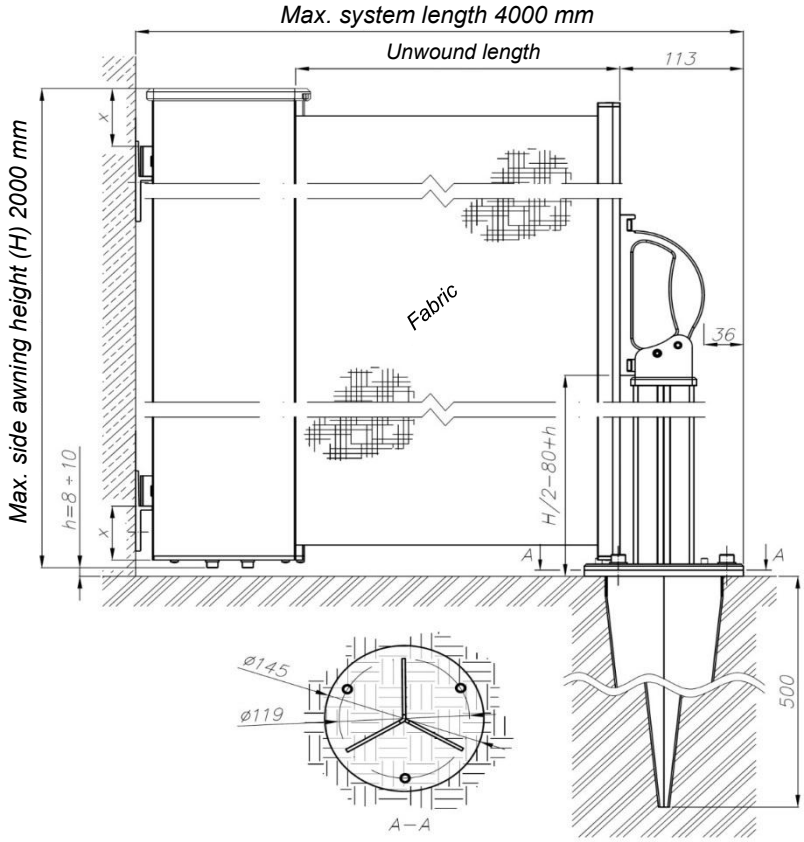
- **Receiver post** — the receiver post is attached to a firm ground (e.g. concrete slab/pavement) by combining the receiver post with its fixed footplate.
- **Receiver post with the ground spike** — this configuration is intended for soft ground (like soil) by combining the receiver post with the ground spike.
- **Wall receiver** — this fixture is attached to a wall opposite to that of the awning.

- **Installation example for concrete/foundation**

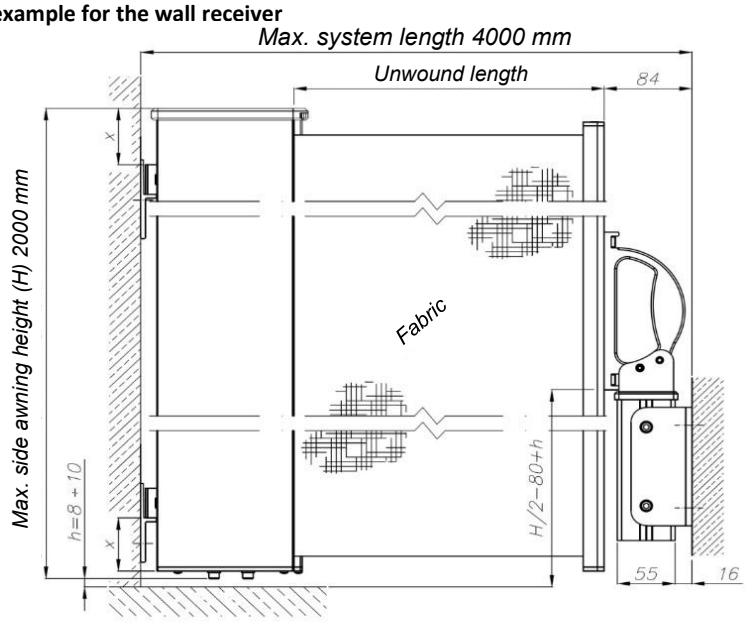


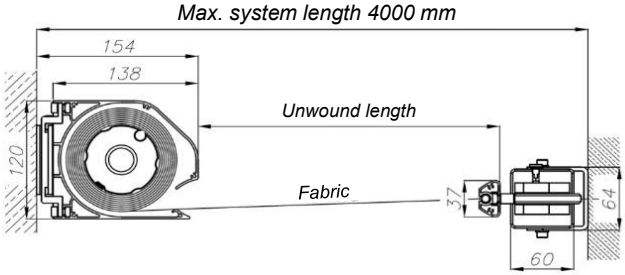


- **Installation example for soft soil**



- **Installation example for the wall receiver**

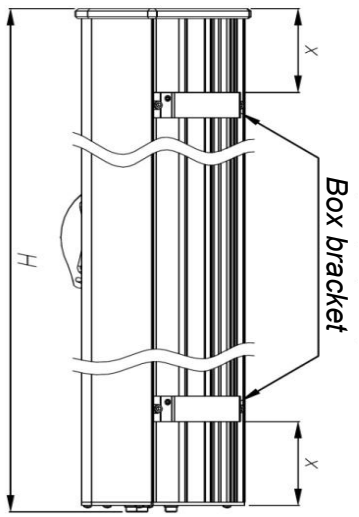




4.6 INSTALLATION GUIDELINES: BOX BRACKET & BRACKET HANGER

- **Box brackets**
  Unpack the product and note how the box brackets should be installed. The location of the box brackets depends on the awning height.

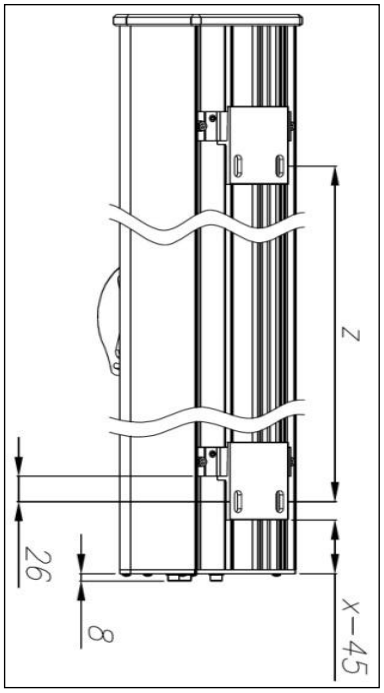
Box bracket layout diagram



Box bracket layout dimensions				
Awning overall height, H [mm]	up to 1300	1301 to 1500	1501 to 1800	1801 to 2000
Box bracket layout — distance X [mm] from both awning ends	100	150	200	250

- **Determining the installation dimensions for the bracket hangers**
  The easiest way to determine the correct height of the holes to be drilled in the wall for the bracket hangers is to mount the hangers on the box brackets and read dimension ***Z*** shown in the figure below. Note also that enough clearance above the ground must be kept.

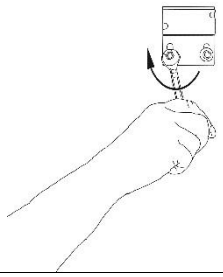
Bracket hanger layout diagram

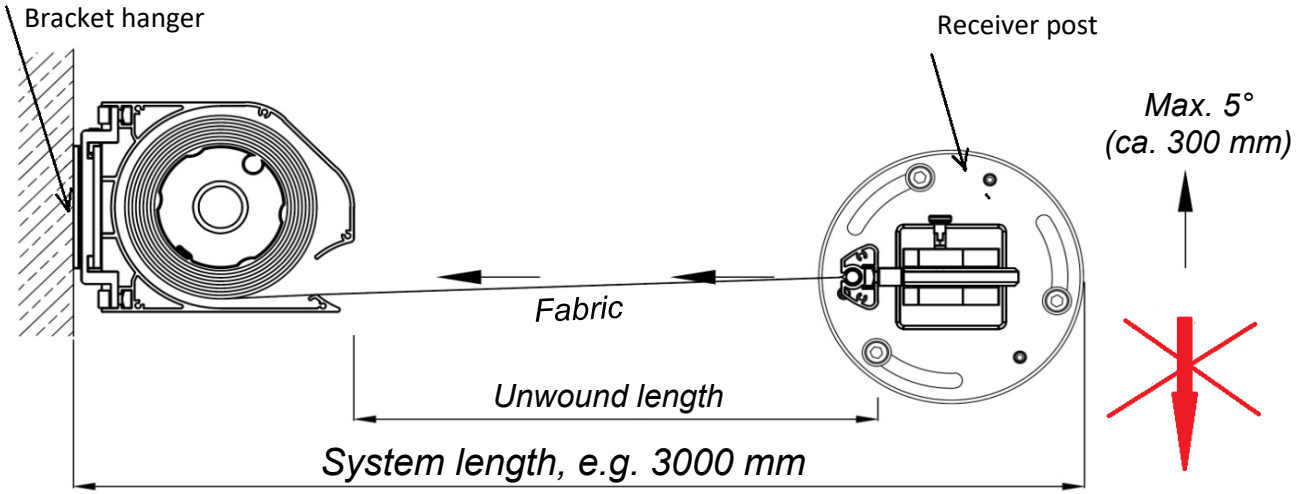


4.7 INSTALLING THE BORA AWNING

The Installation, Operation and Safety Instructions are available upon logging on to www.selt.com

Install the winding shaft box mounting hardware so that the winding plane of the fabric is aligned with the front beam (as shown by the two horizontal arrows in the figure below).
The distance between the bracket hanger of the winding shaft box and the wall receiver or receiver post must be within the unwound length of the system.
The receiver post can be offset by up to 5° (ca. 300 mm) in the direction shown in the figure below. Do not install the receiver post with any offset in the direction shown by the crossed out arrow.

1) Drill wall plug holes in the marked locations.	2) Drive the wall plugs into the holes.	3) Secure the bracket hanger using the matching bolts included.
		



4.7.1 INSTALLING THE BRACKET HANGERS

1) Prepare the listed installation tools.

2) Start the installation process by determining and marking out the holes for the bracket hangers. Use the spirit level to draw a plumb line on the wall; place a bracket hanger at its determined height and mark out the places to drill the holes in.

3) Once the first bracket hanger is installed and secured with the bolts, use it for reference to mark out the holes to drill for the other bracket hanger. Make sure both hangers are aligned with the same plumb.

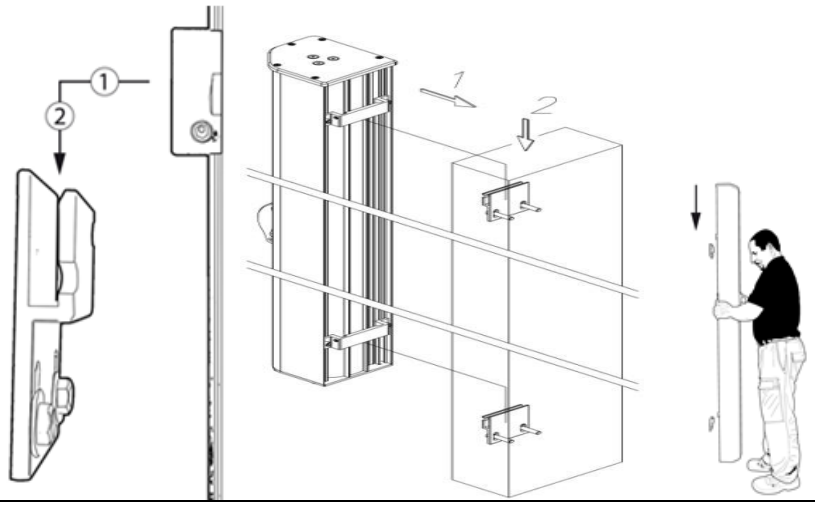
4) Drill wall plug holes in the marked locations.

5) Drive the wall plugs into the holes.

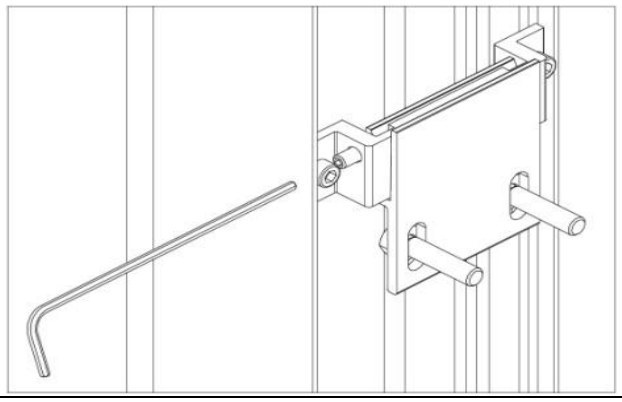
6) Secure the other bracket hanger using the matching bolts included.

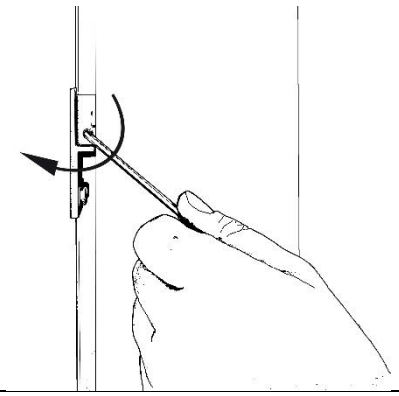
7) Verify that both bracket hangers are aligned in plumb.

8) Hang the winding shaft box on the bracket hangers: bring the rear of the box up to the wall and over the bracket hangers, follow by lowering the box over the hangers so that they engage the box brackets, as shown in the figure.



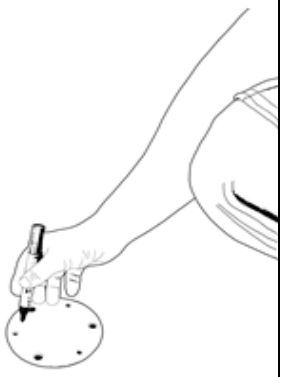
9) With the winding shaft box hanging on the bracket hangers, secure the mounting by turning in the grub screws in the box brackets.





4.7.2 INSTALLING THE RECEIVER POST

1) Mark out the holes to be drilled for the footplate.

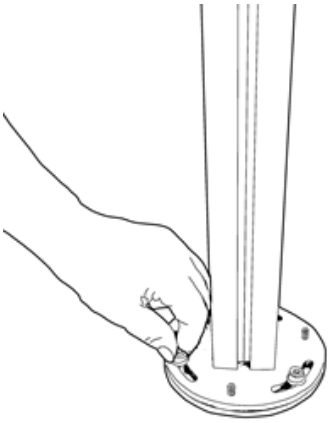


2) Drill out the marked holes and drive the plugs in.

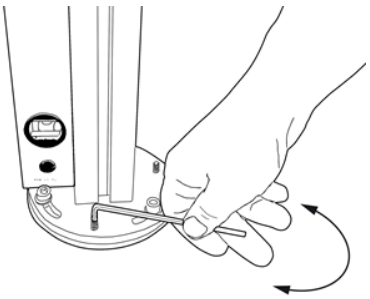
3) Secure the footplate using the matching bolts included.

4) Lower the receiver post onto the footplate.

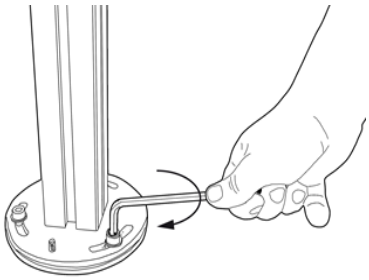
5) Fasten the receiver post to the footplate using the matching bolts included and #6 Allen key.



6) Level out the receiver post by turning the grub screws using #3 Allen key.

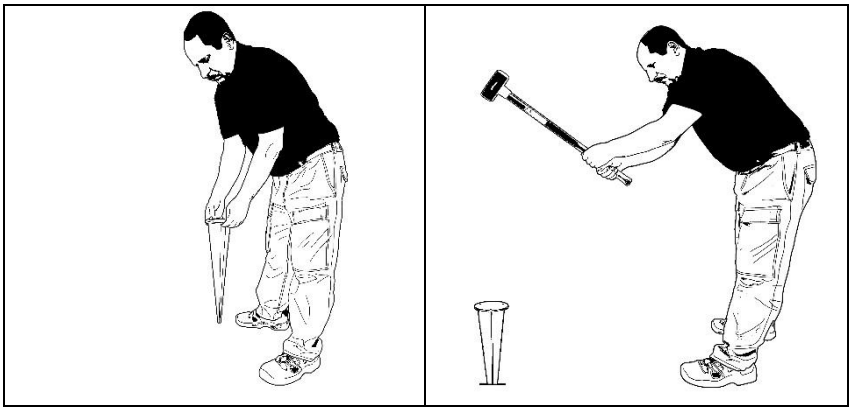


7) Fasten the receiver post securely.



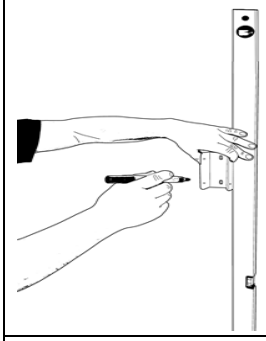
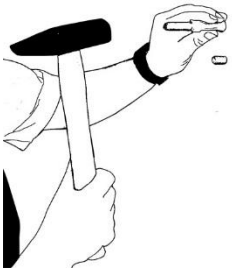
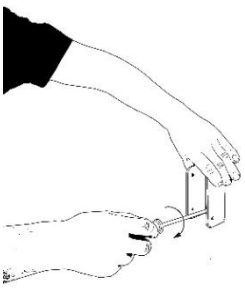
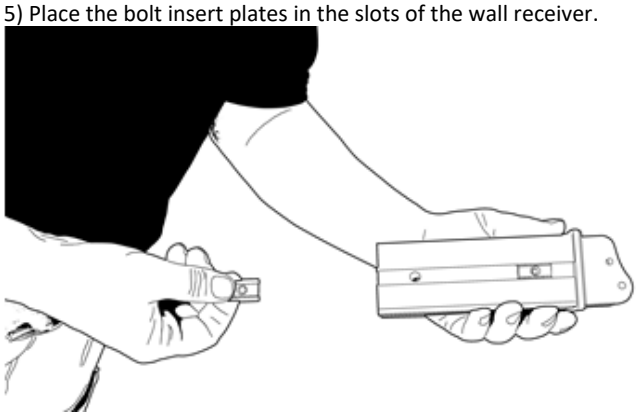
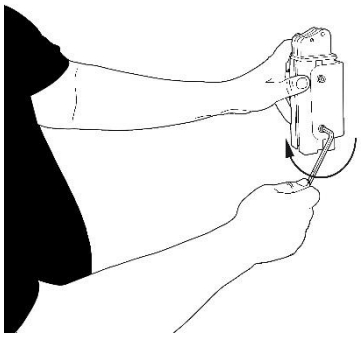
4.7.3 INSTALLING THE RECEIVER POST (IN NATURAL SOIL)

The receiver post can also be installed using the ground spike. In this configuration, the ground spike replaces the steel footplate and is driven into the soil. Complete the receiver post installation by proceeding from 4.7.2.



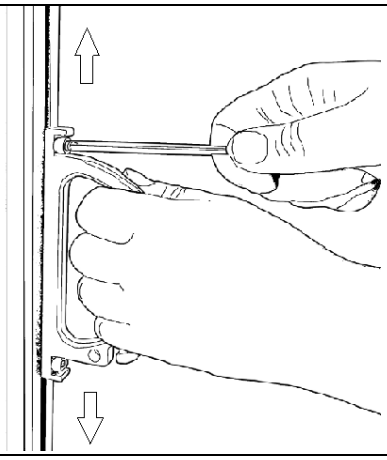
4.7.4 INSTALLING THE WALL RECEIVER

The wall receiver is bolted to the wall receiver bracket, which first needs to be attached to the wall.

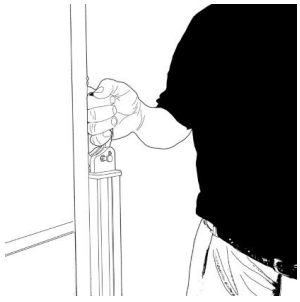
1) Mark the installation height of the wall receiver bracket and its holes to be drilled. 	2) Drill out the marked holes. 	3) Drive the wall plugs into the holes. 	4) Fasten the wall receiver bracket securely. 
5) Place the bolt insert plates in the slots of the wall receiver. 		6) Fasten the wall receiver to the wall receiver bracket already attached to the wall. 	

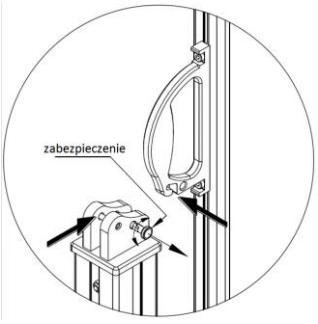
4.7.5 PULL HANDLE LOCATION ADJUSTMENT AND LATCHING IN THE RECEIVER

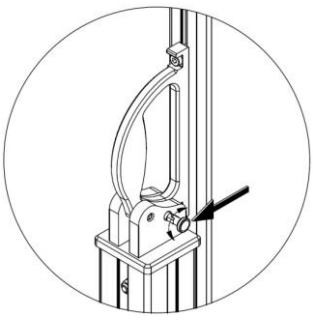
To ensure proper tension and lay of the unwound awning fabric, it is ESSENTIAL to adjust the location of the pull handle on the front beam.	Use the Allen key to adjust the pull handle location.



Latching the pull handle in the receiver: Before engaging the pull handle in the receiver, retract the receiver bolt by turning it 90°. Next, place the catch of the pull handle over the striker, as shown with the arrow. Do not let go of the pull handle; make sure it is securely engaged. If it is, lock the receiver bolt. The receiver bolt keeps the pull handle securely in the receiver, preventing accidental disengagement.



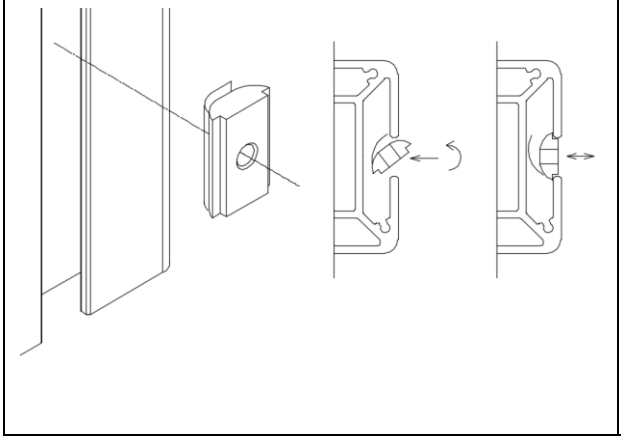


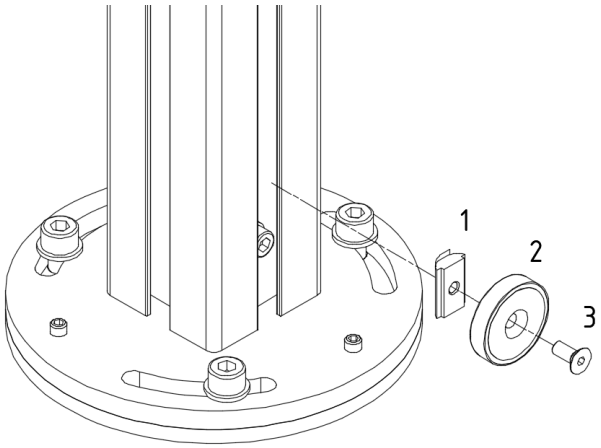


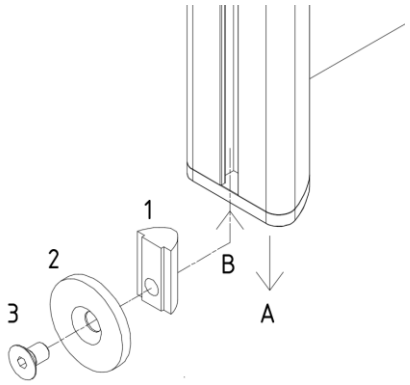
4.7.6 INSTALLING THE RETAINING MAGNET

The retaining magnet kit, used to stabilise the lower end of the front beam at the receiver post, is an accessory.
The kit includes: an insert plate with a spring leaf, a small insert plate with a spring-loaded ball catch, M5x8 and M5x13 Allen socket cap head bolts, a round magnet, and a dia. 27 mm countersunk socket round washer.

Place the insert plate with the spring leaf in the slot of the receiver post that will face the front beam of the awning. Do this by inserting the plate side with the spring leaf attached first into the slot. Next, turn the insert plate in the groove for the other side of the plate to go into the slot. Press the insert plate inward so it is positioned parallel to the slot by the rebound of the spring leaf.	Insert the following parts in the same slot of the receiver post (that will face the front beam) in this order: the M6 insert plate with the spring leaf (1) as shown in the figure to the left, apply the magnet (2) to the insert plate and secure it with an M5x13 bolt (3) so that the bottom dead centre of the magnet is approximately 50 mm above the round baseplate of the receiver post.




1
2
3

Remove the metal cap (A) from the lower end of the front beam. Assemble the small insert plate with the spring-loaded ball catch (1) with the dia. 27 mm washer (2) using an M5x8 bolt (3); do not tighten the bolt all the way, leave a gap of approx. 2 mm between the parts. This will form the magnet strike assembly. Insert the washer of the magnet strike assembly into the slot on the front beam. Retighten the metal cap on the lower end of the front beam. Slide the magnet strike assembly along the slot to position the centre of the washer aligned with the centre of the magnet installed on the receiver post. Tighten the bolt in the magnet strike assembly.	

4.8 MANUAL MOVEMENT

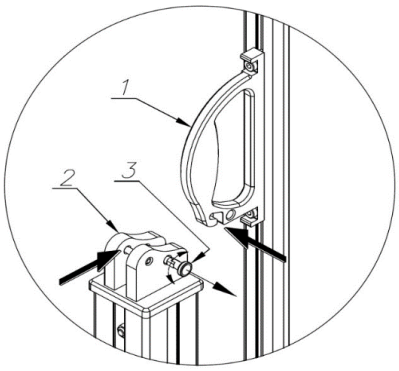
The Bora awning is unwound to the side, with the fabric perpendicular to the ground. The awning is unwound and wound back manually, with the assistance of the torsion spring that keeps the fabric taut. The awning fabric is unwound out by grasping and pulling the pull handle which is to be latched in the receiver.

Latching the pull handle in the receiver:

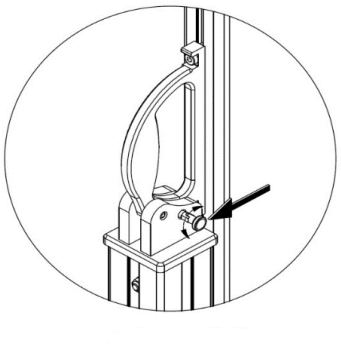
Before engaging the pull handle (1) in the receiver (2), retract the receiver bolt (3) by turning it 90°. Next, place the catch of the pull handle over the striker, as shown with the arrow in the figure below. Do not let go of the pull handle; make sure it is securely engaged. If it is, lock the receiver bolt (3). The receiver bolt keeps the pull handle securely in the receiver, preventing accidental disengagement.

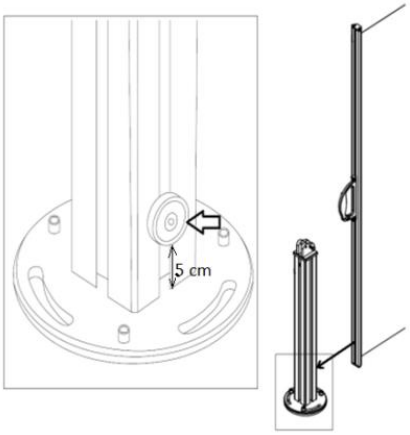
Aim the lower end of the front beam towards the magnet on the receiver post (as instructed in the figure).

Locking the pull handle in the receiver



Aiming the front beam
lower end towards the receiver post magnet





The awning is retracted to open by releasing the receiver bolt and guiding the fabric held by the pull beam until the front beam retracts into the winding shaft box mouth.

5 SYSTEM OPERATION AND PRODUCT SAFETY

5.1 GENERAL HEALTH AND SAFETY REQUIREMENTS

- During transport, installation, removal, operation, care and maintenance of this product, the relevant health and safety and environmental regulations must be complied with.
- This product requires maintenance and repairs only by professionals with proper professional licensing (training).
- The product buyer must ensure that the personnel directed to routinely operate, care and preventively maintain the product must read, understand, and fully comply with the Installation, Operation and Safety Instructions.
- Never attempt to clean this product in any manner not specified in “Inspection, Maintenance and Repair”.
- All work must be performed with due compliance with the prevailing safety requirements.
- Follow the symbols displayed on the product (safety/warning symbols, orientation arrows, etc.).
- Do not obscure any markings on the product with e.g. paint or deface the markings rendering them illegible.
- Before using this product for the first time, carefully read this Manual.
- In the event of exposure to high wind (above the product’s declared wind load class) or heavy rain, wind up the product immediately, otherwise it will be at risk of irreversible damage.

5.2 SAFETY REQUIREMENTS FOR SPECIFIC OPERATING CONDITIONS AND LOCATIONS

Special safety requirements apply to children from one to 42 months. Special operating requirements apply wherever small children have or may have access to this product. Special operating requirements also apply to all locations which are or can be accessed by the disabled.

Before operating the product, the buyer is required to do an individual risk assessment for the planned use, with specific focus on the safety of children and the disabled.

When determining the operating requirements for this product, it is important to consider reasonably foreseeable operating conditions and potential hazards.

Never allow children to play with the operating controls of the side awning.

5.3 OPERATING SAFETY

This product is approved for operation only if absolutely defect-free.

Recommendations and actions:

- This product is safe to use provided that the instructions in the Manual are followed.
- All inspection and repairs of this product must be done by properly trained professionals with the required licenses.
- When unwinding or winding this product, be careful that no object or people are within the range of movement (between the winding shaft box and the front beam).
- Keep the awning fabric away from sources of heat (like heaters, stoves, hotplates, irons, etc.).

Operating “Do-Nots”

- Do not grasp to hold, hang anything or attach anything to any component of the side awning. Dirt and debris may damage the system!
- Keep clear of the range of movement of the winding shaft box and awning fabric when the system is being wound up or unwound.
- Never use the product if it does not conform with fire safety requirements.
- Never exceed the operating limits specified in the Operating and Maintenance Manual.
- Never keep any sharp objects or protruding parts near the system if these object may catch the front beam, the winding shaft box or the awning fabric.
- Never attempt to operate the product if out of order or incomplete. Otherwise the operation will result in irreversible product failure with life or health hazards to the user.

- Never attempt any makeshift repairs of the product.
- Never attempt to operate this product if its mandatory safety inspections and tests have been neglected.
- Never remove any guards of the drive movement.
- Never remove any safety features from the product.
- Hold the front beam pull handle firmly when unwinding or winding up the awning fabric.
- Do not touch any moving/rotating parts of the product when unwinding or winding up. Otherwise there can be a risk of pinching, laceration, entrapment or drawing in e.g. between the front beam and the winding shaft box or other structural parts of the product's system.
- Keep all obstacles clear from the operating range of the product' system to prevent improper performance or damage.
- Keep clear of the range of motion of the product while it is operated.
- Do not expose the awning fabric to water or high moisture for too long.
- Do not attempt to readjust the tension of the awning torsion spring.
- Never attempt to unwind the product in high wind.

SELT Sp. z o.o. will not be liable for any damage caused by misuse.

Attempting to operate the product's system while it is out of the operator's sight may result in severe injury and damage to the system.

Do not attempt to operate the product in strong gusts of wind or during snowfall or rain (including freezing rain), otherwise the product can become at risk of failure or damage, exposing nearby people to danger (this applies to products intended for outdoor installation).

RISK OF PRODUCT FAILURE WHEN ATTEMPTING TO OPERATE IT AT FREEZING TEMPERATURES

If the product is found to malfunction in any way, immediately report this to the manufacturer. Operating a defective product and unauthorised attempts at product repair are hazardous to health or life an may void the commercial warranty rights.

5.4 OPERATING SAFETY INSPECTION OF THE PRODUCT

The product buyer is required to do the following:

a) If the safe operation of this product depends on its installation conditions:

- submit the product to its first inspection (to be done after completing the installation process, before releasing it for operation for the first time);
- submit the product to inspection after each relocation;

b) make sure that if the product is exposed to any conditions which might cause its deterioration and result in any hazards:

- submit the product to periodic inspection and tests;
- submit the product to an emergency inspection if the product's safety could be reduced due to:
  - any modifications;
  - natural phenomena;
  - prolonged disuse;
  - hazardous damage or operating accidents.

The inspections listed above can only be done by professionally qualified and dedicated installers.

6 USE AND MAINTENANCE OF THE PRODUCT

6.1 INTENDED USE OF THE PRODUCT

This product must be used as intended by the manufacturer in the specifications. If the product is operated or modified in any manner not specified in this Manual, it is product misuse.
Unauthorised alterations which affect the operating safety of the product are prohibited.

The intended use of this product includes:

- Normal or foreseeable specified use which is aside from e.g. any risk taken by the product user wilfully or with full awareness;
- Operation within the specified operating parameter limits;
- Compliance with the operating instructions;
- Proper periodic product inspection and maintenance;
- Compliance with the requirements specified in “Operating safety inspection of the product” in this Manual;
- Compliance with the “Technical Specifications” in this Manual.

In case of misuse:

- The product may endanger its operators;
- The product is exposed to damage;
- The product’s performance can be restricted;

6.2 INSTRUCTIONS FOR NON-PROFESSIONALS

Before using this product for the first time, carefully read this Manual.

Non-professionals are those who are allowed by the product’s buyer to routinely use and inspect this product.
A thorough understanding of this Manual will ensure trouble-free operation of the product.

List of operations allowed to non-professionals:

- Routine use:
  - All actions which do not change the operating performance of the product;
- the maintenance of this product is specified further in this Manual.

6.3 TECHNICAL INSPECTIONS, MAINTENANCE AND REPAIRS

It is recommended to have dedicated installers do periodic inspections of this product.
The inspections are intended to test the operation of the product, adjust its components, and replace the consumables which wear out during operation. Routine maintenance is to be done by the product’s user. Professional maintenance by a dedicated installer is required for this product at least once a year.
The technical inspections can be provided for a fee.

Basic servicing during inspections:

- Checks and verifications:
  - The fastening of the product to structural members;
  - The technical condition of moving parts of the product;
  - The condition and security of fasteners (threaded hardware, rivets, etc.);
  - The technical condition of the awning fabric, seals, gaskets, weatherstripping, etc.;
  - The fastening security of the product’s movement/drive unit (torsion spring);
- Readjustment or re-fastening of the foregoing components, if required.

The products manufactured by SELT Sp. z o.o. do not require special maintenance. Proper performance and long life of the product is ensured if the user follows the manufacturer’s recommendations for operation.

Basic servicing during maintenance:

- Check that the awning fabric is unwound and wound back properly.
- Inspect the condition of the awning fabric;
- Clean the fabric;
- Clean all visible/accessible parts of the product.

Cleaning of metal/aluminium components:

- It is recommended to remove light dirt from accessible metal/aluminium surfaces using water with some gentle detergent.

Cleaning the fabric:

- Unwind the fabric all the way out.
- Dirt can be removed by gently brushing or vacuum cleaning the surface of the fabric.
- Clean the fabric using clean water or mild solution of soap (the maximum water temperature must be 30°C).
- Do not use any solvents or strong detergents to clean the fabric.
- After applying the mild solution of soap, thoroughly rinse the fabric with clean water.
- Leave the fabric unwound, with the awning latched in the retainer, until completely dry.

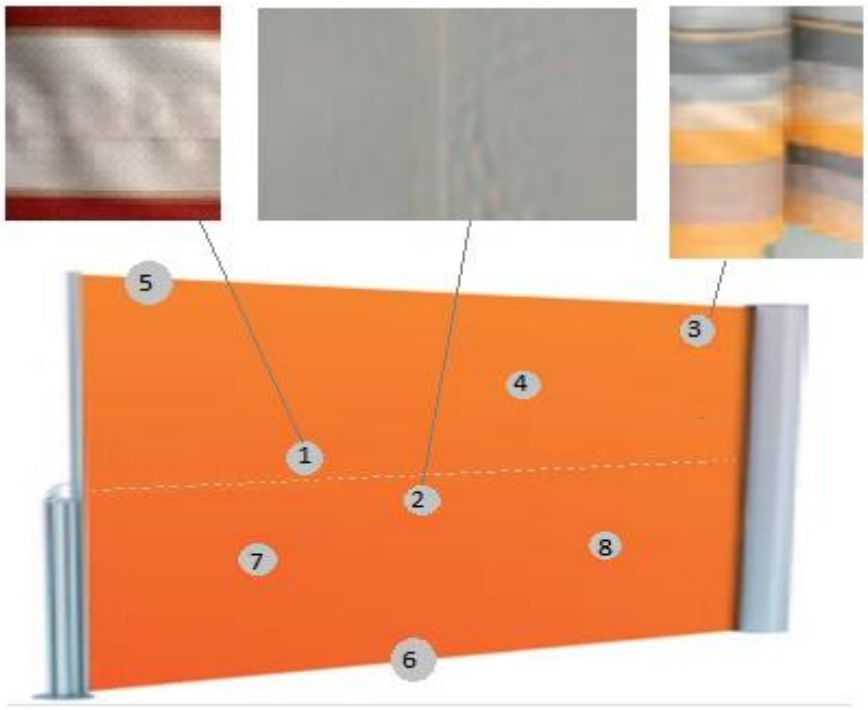
Product maintenance "Do-Nots":

- Do not clean with pressure washers or aggressive cleaners, rough sponges or solvents (like alcohols or petrol/gasoline).
- Never clean the system or anything near it with any products that contain chlorine, ammonia, petroleum, acetone or bleach; otherwise there will be a risk of corrosion.
- Do not use sharp implements or tools (like wire brushes) or abrasive cleaners which may result in scratches (like scouring powders or pastes).
- Do not grasp or pull the system or its components firmly.
- Do not replace any failed components with unauthorised spares! Use original spare parts only!
- Test the operation of the system. Watch how the system is running; if it does not run normally or there is abnormal noise, report the issue to the reseller.

6.4 PROPER USE OF AWNING FABRICS

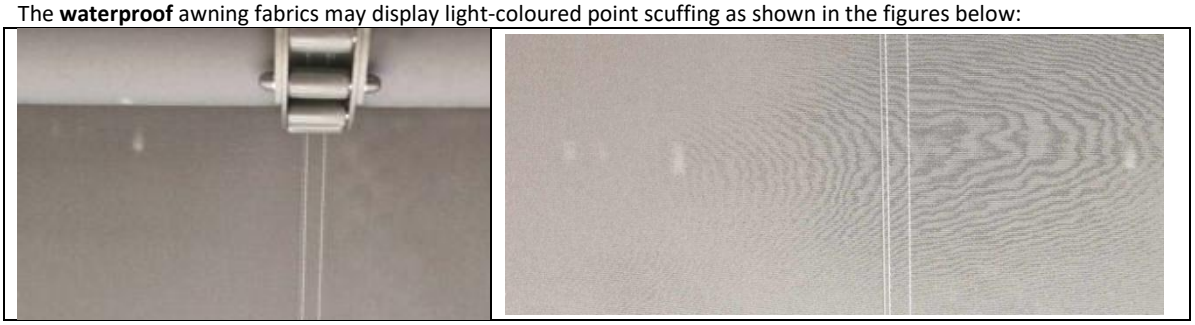
This product's sunshading part is the awning fabric, formed (according to the ordered width) by rows of textile strips sewn together, each 1200 mm wide (± 10 mm), with one edge strip on each side of the awning fabric being narrower; the total width of all strips corresponds to the awning fabric overall width plus its tolerance. The manufacturing process of awning fabrics and the manufacturer's production facilities may, in marginally rare cases, result in that the finished awning fabrics specified to be narrow are composed of more textile strips that a wider awning fabric would be.
Only premium, first-class textiles are used to make awning fabrics. Despite the latest manufacturing machines and the state of the art, there can be some unavoidable changes in the awning fabric:

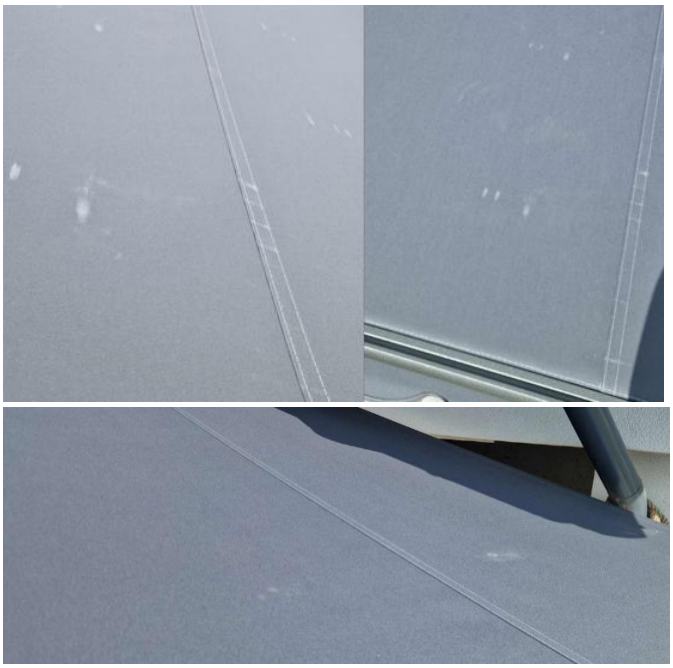
- The textile strips are pleated twice along each seam, which results in variations of the awning fabric diameter when coiled on the winding shaft. The stresses during operation may cause the textile material to fold around the awning fabric seams (1, 2, 3), in the middle of the textile strips, or the outer edges of the awning fabric.
- Winding up the awning fabric may result in creasing (4). It can be seen as a fine line along the crease when straightened out, visible only under certain conditions of light (this generally applies to dark awning fabrics).
- The edge strips of the awning fabric are exposed to high stresses, which may result in slight sagging of the edges (5, 6).
- The acrylic textile material of the awning fabric is coated with a fluorinated resin, which makes the fabric stiffer, aside from endowing it with known technical performance. This coating is indispensable given the application of the product. A result is microscopic 'thinning' of the weave around folds, creases or damaged spots (7).
- The waterproofing treatment makes the awning fabric sensitive to all types of scratches, which are hard to avoid even in a very precise and careful production process (8). This condition is usually present in awning fabrics in solid colours.



The correct lay of the awning fabric unwound and taut when latched in the receiver can be slightly adjusted by repositioning the pull handle along the front beam.

The **waterproof** awning fabrics may display light-coloured point scuffing as shown in the figures below:

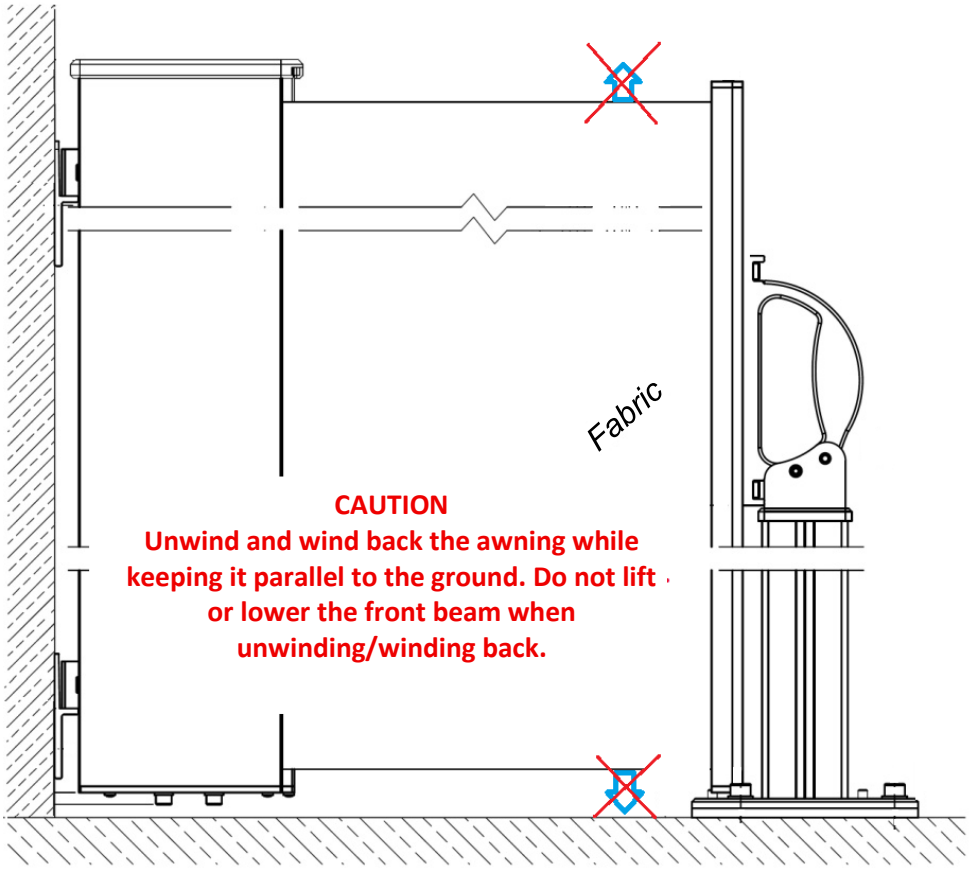




The changes to the surface of the awning fabric are not reasonably acceptable defects claimable under warranty, as they are natural to awning fabrics and do not change the operating comfort of the product in any way.
Never attempt to unwind the awning in heavy rain or snow; do not expose the awning fabric to water or high moisture for too long. Otherwise the fabric can be slightly deformed and look wavy.

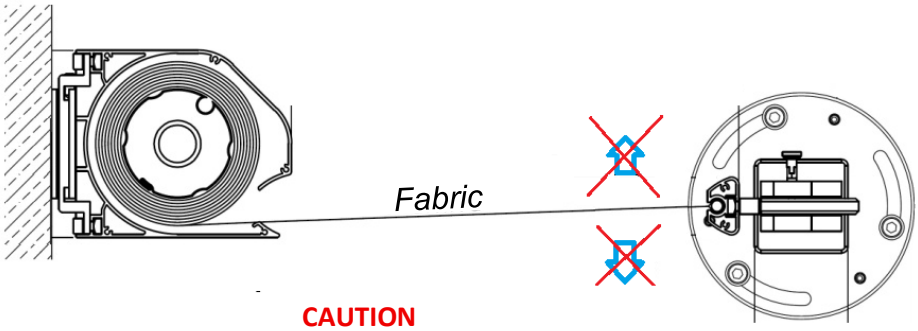
If the awning fabric is wound back when damp, unwind it all the way out immediately after the rain stops and leave the fabric to dry.

SIDE VIEW



CAUTION
Unwind and wind back the awning while keeping it parallel to the ground. Do not lift or lower the front beam when unwinding/winding back.

TOP VIEW



CAUTION
Unwind and wind back the awning while keeping it running square to the winding shaft box.

7 LIABILITY DISCLAIMER

See the General Terms & Conditions of Commercial Warranty on www.selt.com
If you cannot access the official website of SELT Sp. z o.o., you may reach out to the nearest SELT distributor for a copy of the General Terms & Conditions of Commercial Warranty.

7.1 LIABILITY DISCLAIMER

SELT Sp. z o.o. shall not be held liable or discharge any commercial or statutory warranty rights in the event of:

- Damage caused by transport handled by anyone else than SELT.
- Damage caused by storage, installation, or maintenance of the product in departure from the Operating and Maintenance Manual or recommendations of the manufacturer, unless any of these activities have been done at the risk of the manufacturer.
- Damage caused by operation in violation of the Operating and Maintenance Manual or recommendations of the manufacturer.
- Impact/shock damage.
- Damage resulting from any alteration of the product, unless done by the manufacturer, on its request or by its written permission.
- Secondary damage resulting from operating the product with any of its original defect ignored unless the manufacturer has been advised of the defect and authorised continued operation. The ascertainment of the root cause of defect will be left to reasonable discretion of the manufacturer. For a fee, the manufacturer may replace or repair the product suffering from the defects specified below:
- Defects resulting from normal wear and tear of consumables and wear parts, like gaskets, seals, lubricants, etc.
- Repairs which require readjustment, cleaning or relubrication of the product.
- Damage caused by incorrect installation of the product or unauthorised repairs/adjustments.
- Damage caused by operation of the system in poor weather.
- Operation of the product with any of its parts defective.
- Damage caused by dirt from ambient/weather conditions, plants, mould, or mildew, or fouling by animals.
- Skewed winding of the awning fabric on the shaft tube, resulting from deposits or dirt on the fabric material (stuck leaves, specks of mud, etc.).
- Damage caused by operation of the system in poor weather. Damage or failure of the awning or its fabric due to wind loads, rain, snow, hail, or icing.
- Operation of the product at or below 0°C.
- Damage caused by an installation using fewer brackets than specified by the manufacturer.
- Horizontal deflection of the front beam up to 25 mm for awning length and width options close to the available maximum. This is a natural effect of pulling the handle at or near the middle of the front beam and the opposite pull of the awning fabric tensioned by the torsion spring. It has no impact on proper performance of the product's system.

The commercial warranty for the awning fabric does not apply to the following:

- Horizontal wrinkling caused by the pressure of the retaining bar used to attach the inward end of the awning fabric to the winding shaft.
- The natural changes to the awning fabrics, including their waterproof options, specified in "Proper use of awning fabrics" in this Manual.

8 WARRANTY CLAIMS / TECHNICAL DEFECTS

8.1 WARRANTY CLAIMS (ON MANUFACTURER'S COMMERCIAL WARRANTY)

Only the original buyer of the product may claim a warranty service.

The warranty claim policy and processing are specified in the General Terms & Conditions of Commercial Warranty and the General Terms & Conditions of Sale.

The General Terms & Conditions of Commercial Warranty and the General Terms & Conditions of Sale are available at:

selt.com

The customer may submit a warranty claim on the Claim Form, which is available on the manufacturer's B2B Platform.

The warranty claim should exhaustively specify the nature of claimed defect, with the Claim Form properly filled out.

Any warranty claim submitted via any channel other than the B2B Platform or missing any details required on the Claim Form, like the purchase invoice number, purchase order number or contract reference will be rejected.

8.2 TECHNICAL DEFECTS

If the system develops a defect:

- Wind up the side awning and remove it from use.
- Immediately report the defect to the proper professional installer.

9 DISMANTLING / DISPOSAL / LIQUIDATION OF THE PRODUCT

Improper installation of the system may result in severe injury and damage of the system.
The system should be dismantled by a professional installer or a professional with proper health and safety training and understanding of good waste recovery practices.

a) Disposal of the product at its end of life

Once this product reaches its end of life, its disposal requires dismantling and separation of components and materials by type according to the waste segregation requirements established in the Polish Regulation of the Minister of Climate dated 2 January 2020 and concerning the Waste Catalogue.

#	Subject	Applicable European laws	Applicable Polish laws
1	Waste Catalogue	Commission Regulation (EC) No. 574/2004 of 23 February 2004 amending Annex I and III of Regulation (EC) No. 2150/2002 of the European Parliament and of the Council on waste statistics	Polish Regulation of the Minister of Climate dated 2 January 2020 and concerning the Waste Catalogue (Dz. U. 2020.10)

10 CE LABELLING AND MARKING OF THE PRODUCT

10.1 PRODUCT CONFORMITY WITH THE CE STANDARDS

The products manufactured by SELT meet the essential requirements of the standard introduced by the Polish Committee for Standardisation under reference PN-EN 13561, which is certified by the manufacturer's declaration of performance and the CE marking.

For continued compliance and safe use and maintenance of the system, conform to the Installation, Operation and Safety Instructions.

10.2 CE MARKING INFORMATION

a) Product marking:

CE
SELT Sp. z o. o. **Opole, ul. Wschodnia 23A**
EN 13561

b) Marking in enclosed documents:

CE
SELT Sp. z o. o. **Opole, ul. Wschodnia 23A** **POLAND** **13**
EN 13561 **BORA 200x400 vertical side awning** **for outdoor use.** **Resistance to wind loads: Class 2** **Total solar transmittance,** **g tot: 0.01-0.90*** **DWU 66 / M / 2017**

* Tested on a sunshade installed on the outdoor side of type C reference glazing (EN 14501:2005); the detailed data that is dependent on the fabric model are tabulated on the official website of the manufacturer.