

Quick safety checklist

Before installation

- ☑ Inspect beams, joints, cables, screws, feet, eyebolts.
- ☑ Contact Konligo/distributor if any damage is suspected.
- ☑ Check that all six rubber pads are secured.
- ☑ Secure structure during transport/storage (no unsafe stacking).

During installation

- ☑ Only trained personnel may install.
- ☑ Always wear helmet, gloves, safety shoes.
- ☑ Keep hands outside the structure during folding/unfolding.
- ☑ Activate wheel brakes with feet only.
- ☑ Deploy slowly, warn team when moving to half-open.
- ☑ Secure locking cables before anyone stands under the structure.
- ☑ Lift with your legs, not your back.
- ☑ Be aware of power pole cables – remove after use.
- ☑ Do not put hands under ground joints when installing feet.
- ☑ Always install correct ballast (see product sheet).

During use

- ☑ Never exceed max loads (see technical sheet).
- ☑ Do not allow climbing or accidental loads.
- ☑ Ensure feet plates are flat on the ground.
- ☑ Remove eventual water bags on membrane during rain.
- ☑ Stop use and evacuate in case of high wind, snow, or lightning.
- ☑ Keep open flames away. Only use fire-retardant membranes.

Structure maintenance – Focus points before installation

FOCUS POINT	RISK	ACTION
Inspection of the beams	If beams are damaged, the structure's stability cannot be guaranteed.	Contact Konligo or your local distributor to evaluate whether the damage is critical. Do not open the structure until confirmation is given that it is safe. If necessary, replace the beam following the maintenance guidelines.
Inspection of the sleeve nuts and screws	Missing or unscrewed sleeve nuts/screws compromise the structure's stability.	Regularly check the product for missing or loose components. If necessary, follow the maintenance guidelines to replace or tighten them.
Inspection of the cables	Damaged or missing cables compromise the stability of the structure.	Contact Konligo or your local distributor to evaluate the damage. Do not open the structure until confirmation is given or a replacement cable is provided.
Inspection of the joints (especially the joints connected to the feet)	If the fin of a joint is bent or broken, the structure's stability cannot be guaranteed.	Contact Konligo or your local distributor to evaluate the damage. Do not open the structure until confirmation is given. If necessary, replace the joint following the maintenance guidelines.
Inspection of the feet	Missing or unsecured rubber pads reduce stability.	Make sure all six rubber pads are securely fixed to the feet. Contact Konligo or your distributor if in doubt.
Inspection of the eyebolts	Missing or bent eyebolts compromise stability.	Regularly check for missing or bent eyebolts. Replace or repair following the maintenance guidelines.
Transport and storage	Damage can occur during transport or storage, making the structure unsafe.	Secure the structure properly during transport. Avoid unsafe stacking. Always check straps, pallets, and packaging before moving.

Risk assessment during installation

FOCUS POINT	RISK	ACTION
Training and competence	Incorrect installation may cause instability or injuries.	Only trained personnel may install the structure. Always follow manuals and tutorials.
At any steps	Wrong handling may cause injuries or instability. Components may fall or cause cuts/bruises.	Always follow the installation manual and tutorials. Use mandatory safety equipment: helmet, gloves, safety shoes.
Lifting heavy parts	Poor lifting posture can cause back injuries.	Keep your back straight and lift with your legs.
Using a ladder	Risk of falling or dropping objects.	Always place ladders on flat, stable ground. Use mandatory safety equipment.
Folding/unfolding the structure	Hands or fingers can get squeezed, especially during folding.	Always keep hands outside the structure. Repeat this instruction clearly to the team every time.
Using the wheel brakes	Fingers can get caught in rotating parts.	Always activate the brakes with your feet, never with your hands.
Deploying to half-open position	The structure expands quickly and can hit people or objects.	Make sure the area is clear and people are warned. Be ready to slow the deployment if necessary.
	If someone folds back the structure or hangs on it, it could close on people underneath.	Lock the wheels and secure the long locking cable at half-open state. Do not allow anyone to hang or place loads until fully open and secured.
Deploying to fully open position with power poles (2 persons)	Poles may un-align and cause the structure to fall back.	Lift slowly, staying under the connection point. Reposition if needed. Use the power pole footstep for support.
	The structure may fall back if poles are not properly held.	Keep one person holding each pole straight until the power pole cable is attached.
	Incorrect lifting posture may cause injury.	Keep back straight, lift with legs.
	Risk of tripping on the power pole cable.	Stay aware of the cable. Remove it after connecting safety cables.
Deploying to fully open position by hand (3–4 persons)	Structure may fall back to half-open.	Have one person on each side to hold it until secured. Attach locking cables first. Never stand under the structure until secured.

Disconnecting the power pole	Pole may rotate under its own weight and hit someone.	Hold the power pole high enough (at handle level) when disconnecting.
Closing the power poles	Fingers may get caught inside.	Never insert fingers inside tubes. Handle only from the outside.
Installing the feet	Structure could fall on workers' hands.	Do not put hands under ground joints. Manipulate feet only from safe areas.
	Structure may shift slightly when lifted.	Be aware of lateral movements. Ensure no one is standing too close.
Crowd safety	Public near the structure during installation could be injured.	Always cordon off the area. Never allow untrained people near the structure during setup or dismantling.
Ballast/deadload quantity	Insufficient ballast may cause instability.	Always refer to product sheets for ballast requirements. Contact Konligo if in doubt.

Risk assessment during use

FOCUS POINT	RISK	ACTION
Hanging loads	Excess loads may cause collapse.	Never exceed the maximum load given in the technical sheet. Contact Konligo if in doubt.
Movement/placement of the structure	Moving the structure may cause instability.	Only trained people may move the structure. Ensure all feet plates fully touch the ground.
Heavy rain	Water bags may form on the membrane, leading to damage.	Use a long tool to push water out from inside the structure.
Accidental loads	Climbing or unplanned loads may cause collapse.	Prevent people from climbing or placing extra loads. Use the structure only as specified.
Extreme weather	Strong wind, snow, or lightning may cause collapse or danger.	Follow the section "What to do in case of high wind" in the Safety Guidelines. In case of snow or lightning, evacuate and do not use the structure.
Fire safety	Fire near the structure may cause damage or danger.	Use only membranes certified as fire-retardant. Do not use open flames near the structure.