

catamaran trampoline net

PRACTICAL GUIDE



corderie
MANSAS

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1

Choose your net

1 - Select the model

Each trampoline net is custom-made for a specific catamaran model to provide a perfect replacement for the original net. Manufactured in France by a specialized workshop, every net is produced in strict accordance with the boat builder's specifications. This ensures a perfect fit to the dimensions and requirements of each vessel. We offer replacement nets compatible with a wide range of models from Lagoon, Foutaine Pajot, Nautitech, Catana, Excess, Explocat, Neel Trimarans, Outremer and Sunreef Yachts.



outramer

CATANA 381

NAUTITECH 395

OUTREMER 38/43

CATANA 42

NAUTITECH 40

OUTREMER 42

CATANA 431

NAUTITECH 40 OPEN

OUTREMER 45

CATANA 441

NAUTITECH 435

OUTREMER 49/51

CATANA 47

NAUTITECH 44 OPEN

OUTREMER 50

CATANA 471

NAUTITECH 441/442

OUTREMER 51

CATANA 472

NAUTITECH 46

OUTREMER 52

CATANA 50

NAUTITECH 47

OUTREMER 55

CATANA 531

NAUTITECH 482

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CATANA 55

OUTREMER 5X

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EXPLOCAT 52

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LAGOON 410/410S2
LAGOON 420
LAGOON 421
LAGOON 440
LAGOON 450
LAGOON 470
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LAGOON 500
LAGOON 52/520
LAGOON 55

LAGOON 56
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LAGOON 57S
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LAGOON 77

 **Sunreef Yachts**
LUXURY CATAMARAN MANUFACTURER

SUNREEF 62

SUNREEF 70

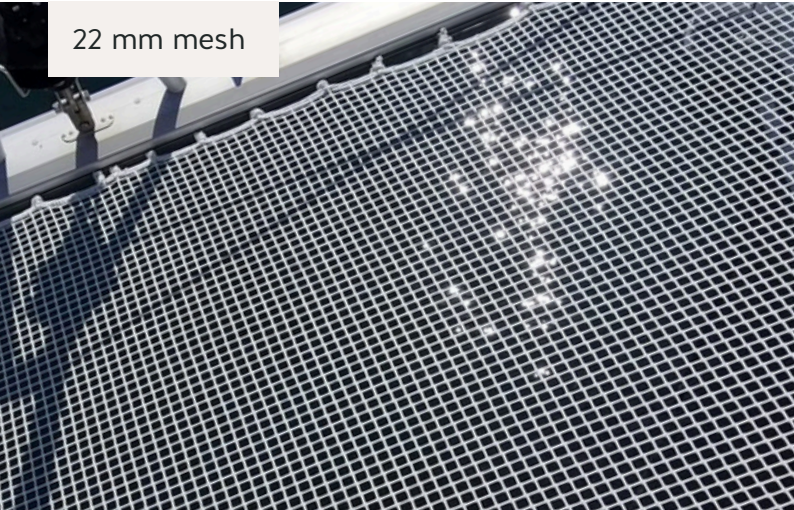
 **XCS**
Excess

EXCESS 11

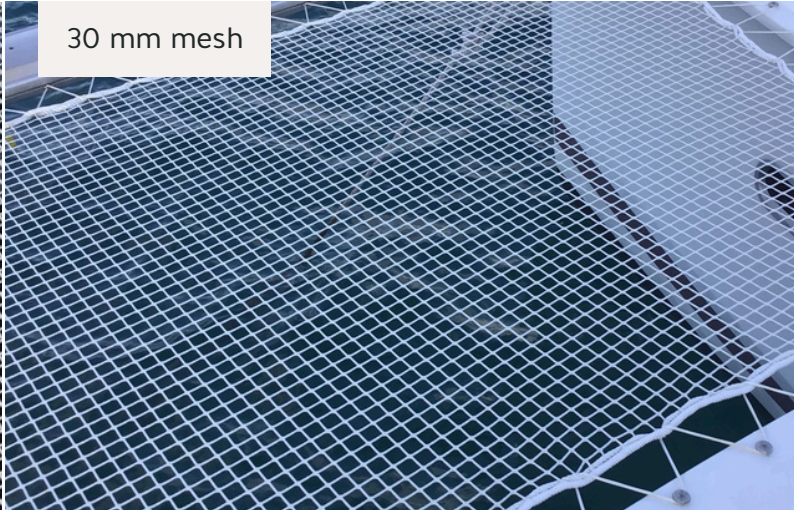
EXCESS 13

EXCESS 14

EXCESS 15



22 mm mesh



30 mm mesh

2 - Choose the mesh size



Selection criteria	 22 mm mesh Polyester HR	 30 mm mesh Polyester HR
SPECIFICATIONS		
Thread diameter	4 mm	6 mm
Finish	Triple polyethylene reinforced overlock + 8 mm polyester bolt rope	Triple polyethylene reinforced overlock +10 mm polyester bolt rope
Weight	625gr/m ²	650gr/m ²
Breaking load	220 kg on one mesh	245 kg on one mesh
Colours		
KEY BENEFITS		
Open area		
Confort		
Advice	Meilleur confort. Idéal pour la plaisance	Minimal impact on sailing performance in rough seas. Standard mesh size used by leading boat builders.

All our trampoline nets are:

- **Knotless braided**
- **Made from high-tenacity polyester:**
Excellent stability in marine environments, low stretch and a soft feel. More dimensionally stable and less elastic than nylon.
- **UV-treated, water-resistant**
- **Available in 22 or 30 mm mesh**

Open area ratio

This is the main criterion when choosing the mesh size. It determines how much water and wind can pass through the net. The higher the open area ratio, the better the boat's performance and stability, even in rough conditions. For sport sailing or offshore cruising, a more open mesh is recommended. For catamarans used mainly for cruising, charter or as a living space on board, a tighter mesh provides greater comfort for passengers.

Colour

The colour has no impact on heat absorption or strength.

-  The most visible, making it the most reassuring. More prone to staining (sunscreens, shoes).
-  The most discreet: a darker net reflects less light. Black is ideal for seeing the water through the net.
-  Grey blends even better with turquoise waters.



2

Choose the installation method

3 methods

Depending on the installer's profile and the desired level of tension.



1 - Standard lacing

The simplest and quickest installation method. It consists of weaving a lacing rope between the attachment points (lacing buttons, pad eyes, etc.) and the net's bolt rope. For enhanced safety and improved net tension, a double lacing can be used instead of a single one. If one rope fails, the second one continues to secure the net.

Recommendations :

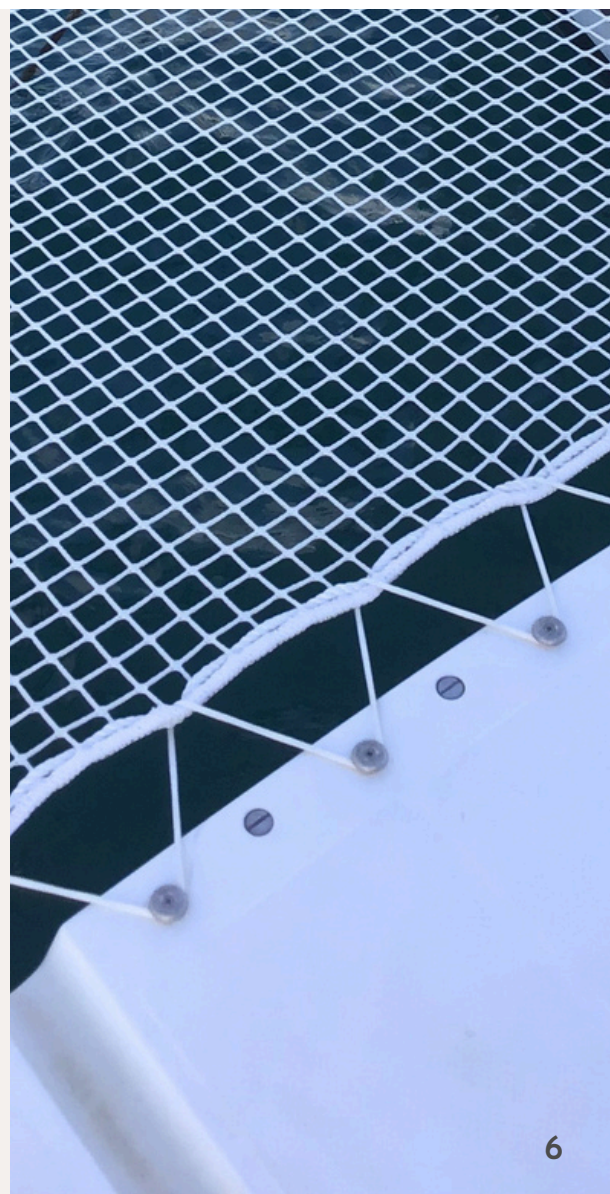
- One independent rope per side.
- Suitable for fixed attachment points (pad eyes, bars, tubes, hooks, lacing buttons, etc.) with close spacing (< 15 cm).

Advantages

- Easy installation
- Cost-effective

Disadvantages

- Larger gap between the net and the deck
- Frottements entre la corde et le filet
- Tension standard





2 - Perpendicular lacing

This method is particularly suitable when the attachment points are movable (sliding track fittings).

Principle: the lacing rope makes a full loop around each attachment point before continuing to the next one. When properly tensioned, this keeps each attachment point securely in position.

Recommendations:

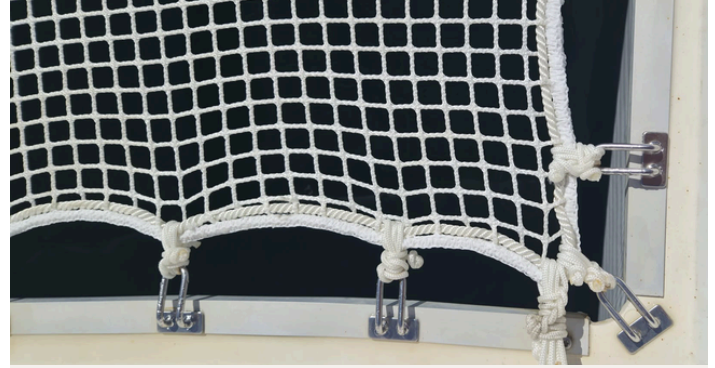
- The attachment points must be large enough to allow the rope to pass around them twice.
- Ensure that the first and last sliding track fittings are securely locked in position.

Advantages

- Suitable for movable attachment points

Disadvantages

- Risk of friction



3 - Point-by-point

Principle: one rope per attachment point. With this method, each attachment point is individually connected to the net, making every fixing independent. If one attachment fails, the others continue to hold the net securely in place. This is the safest installation method and the one preferred by professionals.

During installation, the tension is adjusted rope by rope, allowing the net to be tensioned to its maximum. Unlike conventional lacing, where the load is distributed along an entire side, point-by-point fastening ensures an even load distribution, optimum tension and minimal friction.

Recommendations:

- Attachment points should be spaced 10 to 15 cm (4 to 6 in) apart.
- Make three wraps of rope around each attachment point.
- The rope wraps should remain parallel and must not overlap.

Advantages

- Maximum tension
- Minimal friction
- Enhanced safety

Disadvantages

- Longer installation time

3

Choose accessories

1 - Braided rope

The essential accessory for attaching the net to the attachment points. The required length depends on the installation method.

Simple lacing:
1 side = side length x 3

Perpendicular lacing:
1 side = side length x 4

Point by point :
1 side = side length x 10

Ø 10 mm

Ø 5 mm



Polyester braid Braided core

TUV- and salt-resistant.
Available colours: white, beige, grey and black.
Diameter to select: 5 or 10 mm.

[LEARN MORE](#)

2 - Other accessories



Webbing cam buckle strap

Makes it easier to tension the net during installation.
[LEARN MORE](#)



Cordless rope cutter

To cut one rope per attachment point or per side.
[LEARN MORE](#)

4. *Installation*

LACING POINT BY POINT

🕒 1-2 days

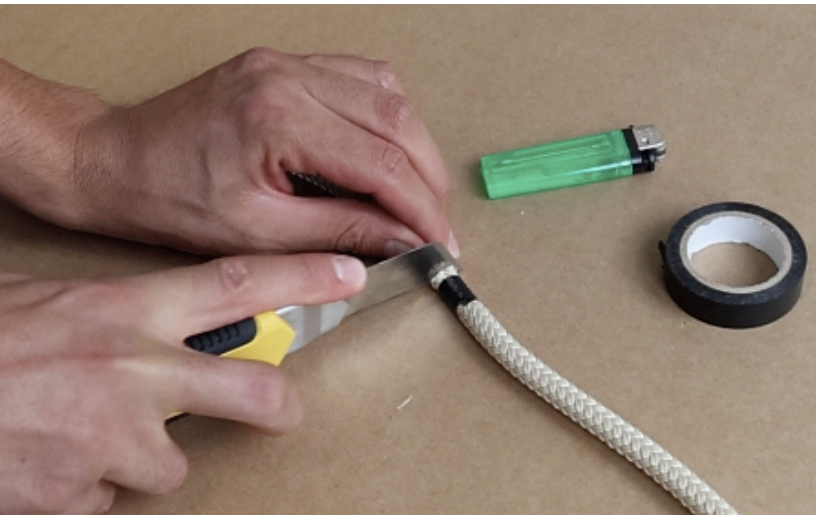
👤 2 people recommended



Tape measure lighter, scissors or rope cutter, gloves



Install alongside a dock on a stable boat



■ Preliminary step

Pre-cut the lacing ropes

Allow 1 metre of rope per attachment point for point-by-point fastening.

⚠️ For a clean cut:

Use a sharp tool such as a utility knife or a hot rope cutter. Seal the cut end immediately by melting it to prevent the rope from fraying.



■ Step 1

Soak the net in clean water

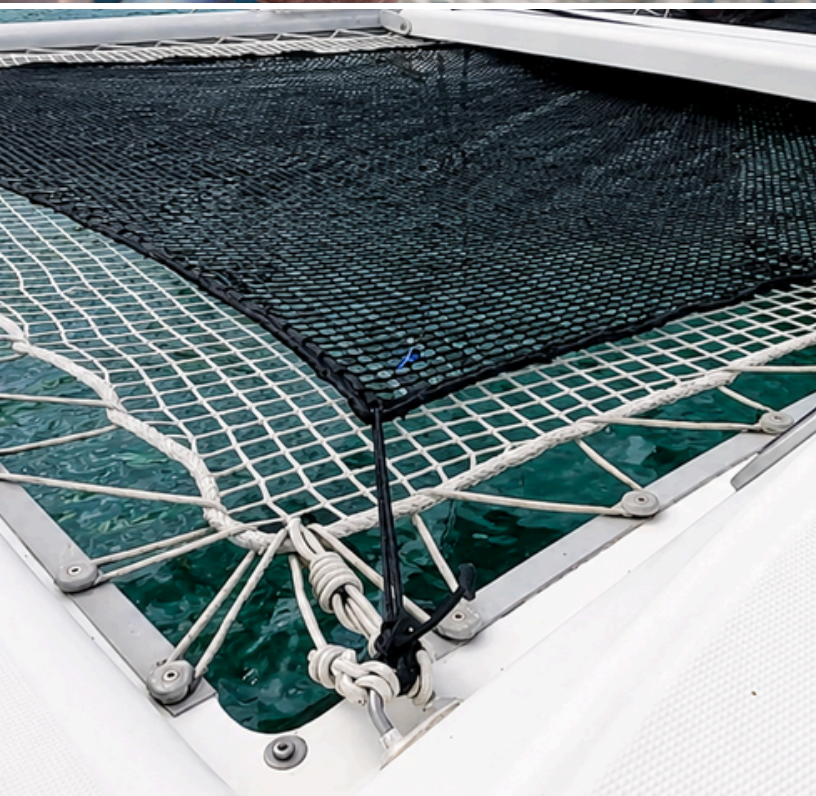
This helps soften the net and makes it easier to tension. Soak it before starting the installation and wet it again several times during the installation process.

■ Step 2

Position the net

Make sure the catamaran is securely moored and perfectly stable before starting the installation. Unfold the net and check its orientation using the colored reference markers located at the corners and indicated in the installation instructions.

Place the new net over the old one, then temporarily secure it at the corners using short lengths of rope.



Important: At this stage, the net may appear too small. This is normal: it has been manufactured with a calculated shrinkage allowance to ensure optimum tension once the installation is complete.

Step 3

Lacing the 1st point

Start with one corner.

- Take a 1-metre length of rope and tie a bowline knot around the attachment point.
- Make 2 to 3 wraps by passing the rope between the attachment point and the edge of the net. Ensure that all 2 or 3 wraps remain parallel and do not overlap to minimise friction.



Important: The lacing rope musn't pass through or catch the net mesh. It must pass around overlock stitching + bolt rope.

- Finish with a temporary locking knot, usually two half hitches. This knot will be untied later to re-tension the attachment point.



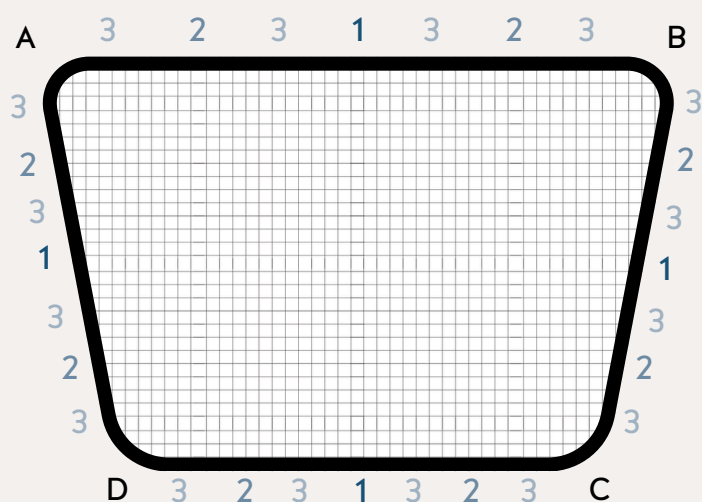
Step 4

Follow the lacing sequence

Repeat the process for all remaining attachment points, following this sequence:

- the remaining corners: B, C and D
- all attachment points marked 1
- all attachment points marked 2
- all attachment points marked 3

Important: At this stage, do not tension the ropes to their maximum. Leave a small gap between the net and the attachment points to keep the net centred and prevent it from being overtightened on one side.





■ Step 5

Release the net tension

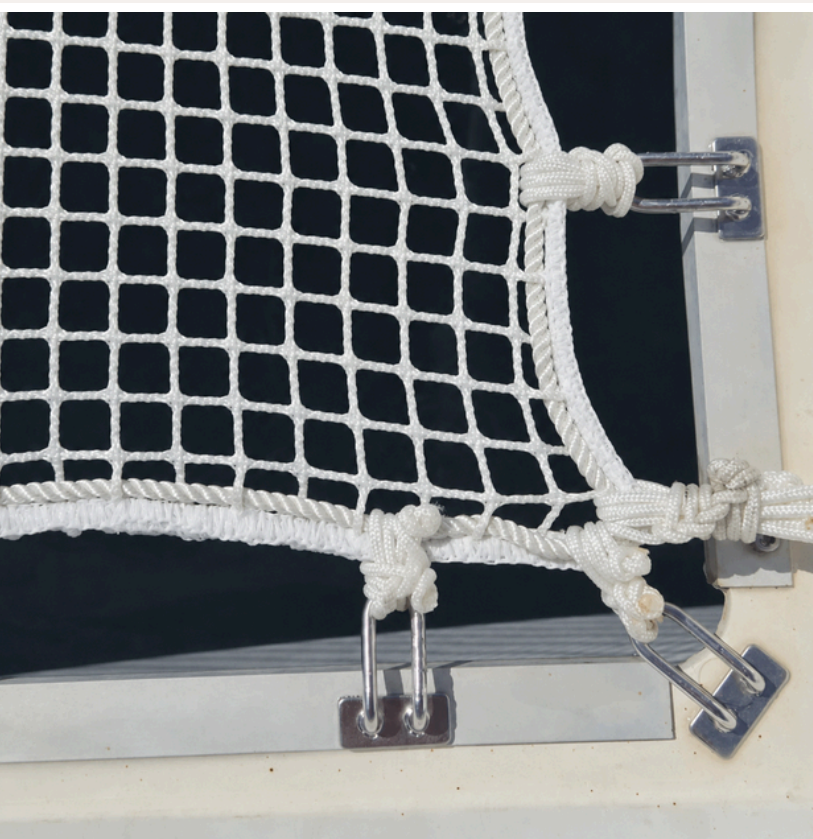
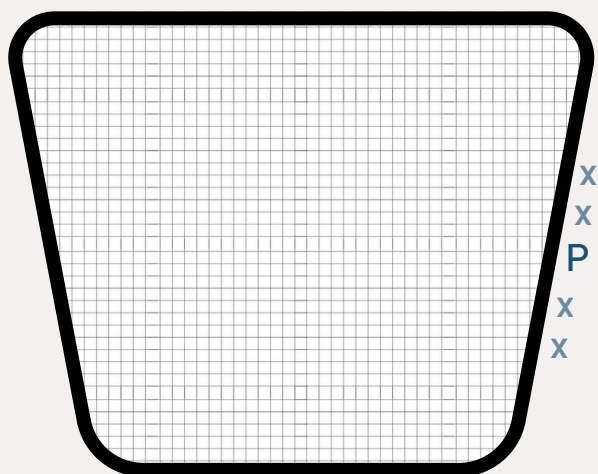
Once all the attachment points have been secured, walk across the net several times. Ideally, leave a load of approximately 100 kg (220 lb) on the net for several hours, or even up to one day.

■ Step 6

Adjust the tension

Re-tension each attachment point one by one. Untie the temporary knot, then pull the rope firmly to bring the net as close as possible to the attachment point. Wearing gloves may be helpful during this step.

To make this operation easier, we recommend using 4 to 5 straps. By temporarily strapping several nearby attachment points (X) closer to the edge, you can optimise the tension of point (P). This is particularly useful if one side proves more difficult to tension than the others.



■ Step 7

Tie the final knots

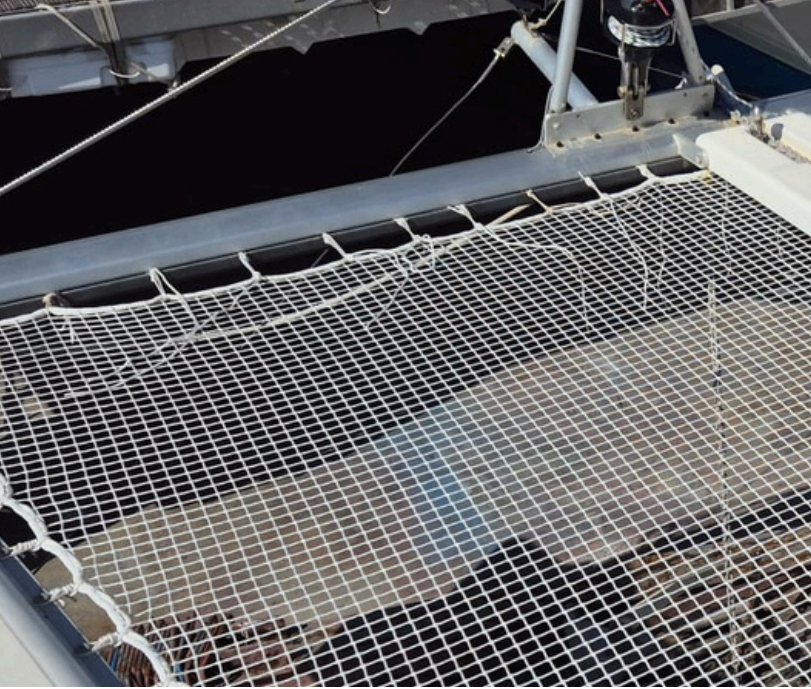
Once the net is close enough to the edge, tie two half hitches, followed by a bowline knot at each attachment point. This finishing method provides a secure hold while allowing the net to be re-tensioned later if necessary.

■ Step 8

Cut the ropes

Once the tension is fully satisfactory and all attachment points are securely in place, cut off the excess rope at each point. Then seal the cut end with a lighter to prevent fraying.

The installation is now complete.





Usage guidelines

On average, our catamaran nets have a service life of 4 to 6 years. This may vary depending on usage and climatic conditions. Here are a few tips to help extend their lifespan:

■ Safety precautions

- Under the effect of load and the first few uses, the net may stretch slightly. A final re-tensioning a few weeks after installation can be carried out to achieve final tension.
- Ensure that the maximum permitted load is always respected. For all of our nets, we recommend not exceeding a total load of 400 kg (880 lbs). This limit ensures safe use while preserving the net's durability.
- Whenever possible, avoid wearing shoes or bringing sharp or protruding objects onto the net, as they may damage the mesh.
- Do not jump on the net, as this may compromise both the integrity of the net and the structure supporting it.

■ Maintenance

- Clean the net with fresh water. Do not use detergents or harsh cleaning products. If necessary, soapy water and a soft brush are sufficient to remove stains.
- Inspect the mesh and the edges of the net regularly. Check for signs of wear or cuts. Also inspect the ropes and attachment points to ensure there is no play, corrosion or other signs of damage.

*Have a question,
need help?*

Write to us at : contact@corderie-mansas.fr

