





CATCH FAN NETTING

When a construction site is under way, it's easy to feel the wind rushing by at high speeds. This can be dangerous for people below and objects on top of buildings that could potentially fall off or down onto pedestrians or cars.

SafeSmart Access Catch Fan Nets catch and secure falling objects whether that be tools, debris or personnel, protecting the public, site workers, vehicles and other property. The Catch Fan Netting attaches directly onto buildings in a number of different ways during construction with simple installation instructions provided and multiple sizes available for purchase depending on needed surface area coverage.

Manufactured according to EN 1263:2014 which ensures the Catch Fan Netting system meets safety and construction requirements. Each net is made from high quality material in 100% HDPE (high density polyethylene) which comes in two layers knitted together. The dimensions of the nets suit the varying Boom Frame dimensions.

SUMMARY OF BENEFITS

- O Secure falling objects, protecting the public, site workers, vehicles and other property.
- O Manufactured to EN 1263:2014.
- O Boom Frames and Nets are available in 2 sizes; 4.0m x 3.0m and 6.0m x 3.0m.
- O 3 Layer nets available in 2 sizes; 25m x 2.0m and 25m x 2.5m.
- O Easy setup and pack down.

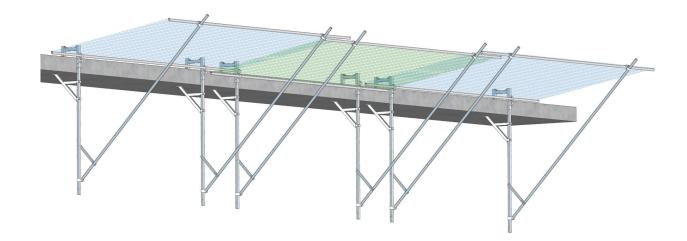


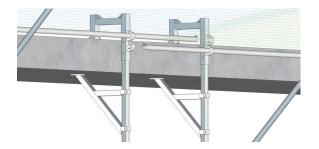




STANDARD BOOM FRAME

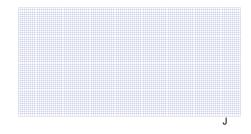
- O Minimise on site risks of personnel and objects falling from elevated areas.
- O The Catch Fan Netting standard boom frame features a double anchor attachment system to the upper slab, suspending it from only one floor.
- O Simple anchoring, assembly, and installation methods.
- O The Catch Fan Netting is very easy to setup and simply fan out from vertical to horizontal with a lanyard.

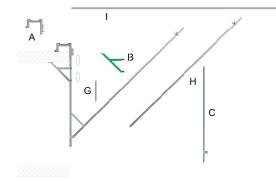






290792





BASE MODEL COMPONENTS LIST

with Double Anchor in Upper Slab

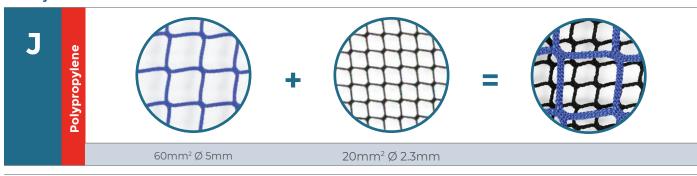
Component Number	Description	Material
А	Slab attachment	Galvanised Steel
В	Knee brace	Galvanised Steel
С	Vertical tube	Galvanised Steel
G	Wind lock	Galvanised Steel
Н	Diagonal tube	Aluminium
ı	Horizontal tube (6m or 4m length)	Aluminium



NETTING SPECIFICATIONS

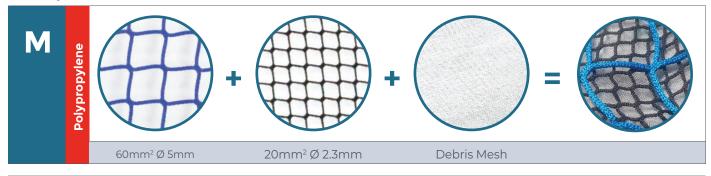
- O Double layer netting to catch falls and dropped tools and debris.
- O Knotless polypropylene/polyethylene material.
- O All layers knitted together, forming a single net.
- O Available in 2 sizes to suit boom frames.
- O Larger 3 layer nets available for use with other framing options

Two layers



Code	Description	Material
290791	Safety Net + Tools Net Double Layer, suits 4.0m x 3.0 Boom Frame	Knotless polypropylene Safety net 60mm mesh + Tools net 20mm mesh
290793	Safety Net + Tools Net Double Layer, suits 6.0m x 3.0 Boom Frame	Knotless polypropylene Safety net 60mm mesh + Tools net 20mm mesh

Three layers



Code	Description	Material
FANNET25x2	Safety Boom Net Triple Layer, 25x2m	Knotless polypropylene 60mm/ 20mm/debris mesh (3 layer)
FANNET25x2.5	Safety Boom Net Triple Layer, 25x2.5m	Knotless polypropylene 60mm/ 20mm/debris mesh (3 layer)



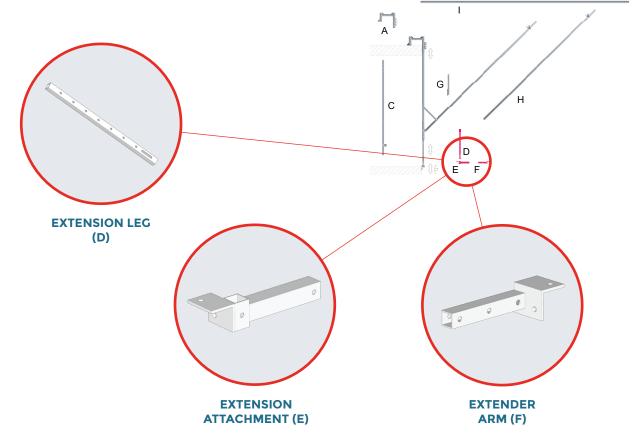
CATCH FAN NETTING



UPPER & LOWER ANCHOR PACK

- O This pack provides components D, E & F to allow the ability of the standard boom frame to anchor into the upper and lower slab.
- O Components compatible to standard boom frame.
- O Pack purchased separately.
- O Maximum distance between floors 3.45mH.
- O Must be used in combination with Standard Boom Frame.





Code	Description	Material
290797	Additional components for Standard Boom Frame Anchor in Upper and Lower Slab	Galvanised Steel

UPPER & LOWER ANCHOR PACK COMPENENTS LIST

Component Number	Description	Material
D	Extension leg	Galvanised Steel
Е	Extension attachment	Galvanised Steel
F	Extender arm	Galvanised Steel

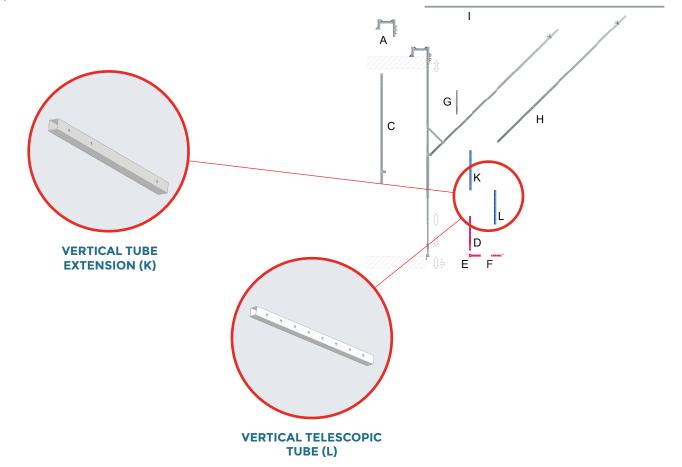
Standard Boom Frame



EXTENDED UPPER & LOWER ANCHOR PACK

- O This pack provides components K & L to allow the Standard Boom Frame + Upper & Lower Anchor Pack to suit extended distances between floors.
- O Pack required for 3.5mH 5.0mH distances between floors.
- O Pack purchased separately.
- O Must be used in combination with Standard Boom Frame + Upper & Lower Anchor Pack.





Code	Description	Material
290798	Additional components for Anchor in Upper and Lower Slab Extended Module, suits 3.5m – 5.0m between slabs.	Galvanised Steel

UPPER & LOWER ANCHOR PACK COMPONENTS LIST

Component Number	Description	Material
K (*)	Vertical tube extension	Galvanised Steel
∟ (*)	Vertical telescopic tube	Galvanised Steel

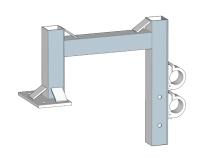
(*) Only necessary if the distance between slabs exceeds 3,50 m (up to a maximum of 5 m) Suits Standard Boom Frame + Upper & Lower Anchor Pack

CATCH FAN NETTING COMPONENTS



SLAB ATTACHMENT (A)

Galvanised Steel



KNEE BRACE (B)

Galvanised Steel



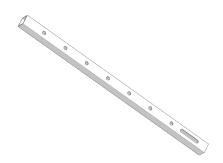
VERTICAL TUBE (C)

Galvanised Steel



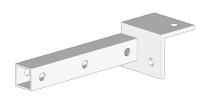
EXTENSION LEG (D)

Galvanised Steel



EXTENDER ARM (E)

Galvanised Steel



EXTENSION ATTACHMENT (F)

Galvanised Steel



WIND LOCK (G)

Galvanised Steel



DIAGONAL TUBE (H)

Aluminium



HORIZONTAL TUBE (I)

(6 m or 4 m length) Aluminium



NET (J)

Knotless Polypropylene



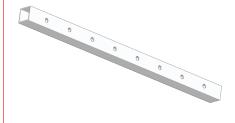
VERTICAL TUBE EXTENSION (K)

Galvanised Steel



VERTICAL TELESCOPIC TUBE (L)

Galvanised Steel



NET (M)

Knotless Polypropylene



HOW WE TEST OUR CATCH FAN NETTING



At SafeSmart Access, we're reaching new heights of safety testing. We take pride in ensuring our Catch Fan Nets technology is meeting the highest international standards. We've conducted rigorous testing to EN 1263.1 to ensure that our products are safe, effective and well designed.

The tests replicate the most rigorous conditions that our technology will be used in - a human-analogue mass of 100kg is dropped from 7 meters onto the netting. The safety net must have enough clearance while being strong enough to keep a falling person from hitting anything below.

This test is just one of a range of rigorous tests that we have implemented to ensure our products are being manufactured to the highest standards.

Every batch produced needs to pass a number of inspections and tests before it can be considered safe for use on site. This includes marking, sewing and final inspection throughout production.

Safety is our highest priority at SafeSmart Access. All our staff are thoroughly trained in the use of construction site safety equipment, and all our products are manufactured to the highest standards.



As a structure increases in height, so does the danger from wind gusts. Our Catch Fan Netting is tested up to 50km/h . This ensures our structure can work with wind speeds that are common on construction sites.

The catch fan's securing at both ends guarantees that it does not fold inadvertently or as a result of high wind loads.

When the wind speed is higher than expected, the catch fans should be folded up and secured to the structure with the folding/unfolding ropes.

SAFETY INSPECTION SCHEDULE

The Catch Fan Netting must be inspected once a year (re-certification tests) according to the EN 1263.1 standard.

We recommend a monthly inspection consisting of:

- O Check that the catch fan is firmly fastened and cannot turn up.
- O All the expansive bolts are installed correctly.
- O All bolt and nuts are tensioned correctly.
- O The wind lock is in good working order.
- O Remove and replace any damaged components the frame may have incurred.







HOW WE TEST OUR CATCH FAN NETS



We provide a full list of installation and safety instructions to get your site setup correctly. Our team of engineers and technical support staff have created approachable documentation that complies EN 1263.1 for the easy installation of our Catch Fan Netting.

The European Standard EN-1263.1:2014 Safety Nets: safety requirements for the installation limits establishes the work limits of our Catch Fan Netting system.

In this standard it is established that:

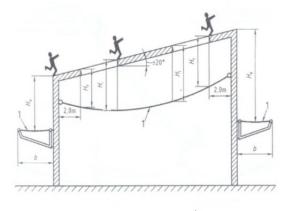
- A) In the case that the work plan has an area with an incline between 0 and 20° the maximum fall height is 6 metres.
- B) In the case that the work plan has an area with an incline superior to 20°, the maximum fall height is 3 metres.
- C) The free space underneath the safety net of the Catch Fan Netting system must be at least 3 metres, nothing, except the articulated arms must obstruct the path of a potential fall.

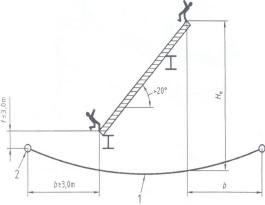
All of these requirements can be found in our supplied documentation with the product. We can also provide training to install our nets, providing your workers with best practices when using the Catch Fan Netting system.

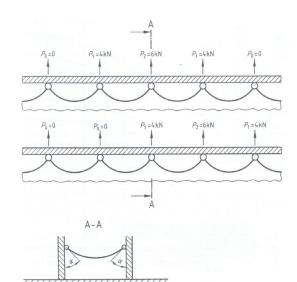
WHAT IS EN 1263.1?

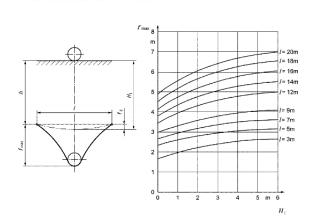
In Australia, safety nets, their standards and testing methodology are covered in EN 1263.1. These methods test the performance characteristics of polypropene and polyamide fibres, which is what our safety nets are made from.

Reach out to our team if you have questions regarding EN 1263.1 and one of our experts will be able to help you stay safe on site.













NZ 0800 000 448

www.safesmartaccess.co.nz