



shafts



taking risks is *Not* part of the job

LOTU
Preventing falls from height



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Always check the causes of falls from:

1

steps



2

shafts



3

sawhorse scaffolding



INNER SHAFTS

Horizontal net

On site use and installation of an "S" system net for horizontal safety



- Fitted to structure supports
- Completely cover the gap or zone to be protected
- A space must be left between the net and the floor or the net and any obstacle, to allow for the net's elasticity
- If it is made up of several pieces, nets should overlap by at least 2 m

PERIMETER GAPS

Vertical nets

On site use and installation of a "V" system or beam type net



- It should be properly fastened to the beams and they should be firmly anchored in concrete, no more than 4.5 m apart
- Positioned more than 1 metre over the working level
- The maximum drop height from the work level to the net will be 6 m (it is recommended to reduce this height to the distance between frameworks, approx 3 m)
- The lower part of the net will be fastened to the framework at least every metre
- The minimum distance from the base of the net to a compact element will be 2.5 m
- Raised (depending on drop height) before concreting the pillars on the next level

Horizontal nets

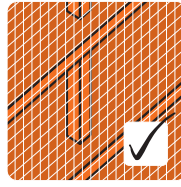
On site use and installation of a "T" system or tray type net



- Completely cover the gap or zone to be protected
- Fit to poles
- If it is made up of several cloths
- The maximum drop height from the work level to the net will be 6 m.
- Base dimension of 3 m.
- Replace it immediately in the event of an impact
- Clear of materials or objects
- Use the test parts and keep an eye on expiry dates

Vertical nets

On site use and installation of a "U" system or vertical façade net



- Fitted to vertical supports or framework
- Hang 1 m beyond the intersection between the grille line and the net area
- Use the test parts and keep an eye on expiry dates

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REQUIREMENTS

safety nets in construction

- Comply with the UNE-EN 1623 standard
- Provide test parts to check aging without having to dismantle
- Add labelling, instruction manuals and manufacturer's declaration of product conformity

CONDITION

- In perfect condition and sturdy

USE

CHOICE OF NET

- Prioritise nets that prevent falls over nets that limit or handle their consequences

CHECKS

- Maximum expiry date of the net (textile part) one year from the manufacturing date, according to Spanish Certification Entities
- Check the net support parts are stable and solid.

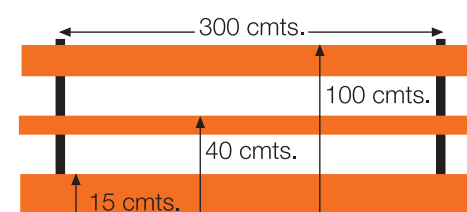
ASSEMBLY AND DISASSEMBLY

- Follow the instructions given in each case by the manufacturer.
- Carried out by trained and informed staff.

PERIMETER AND INNER GAPS

Rails

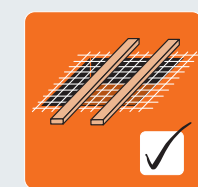
A rail should:



- Comply with the UNE standard
- Comprise strong, solid parts made of rigid materials
- Have a minimum height of 1 metre on horizontal levels
- Comprise three horizontal parts located at the heights described in the diagram
- Have firm vertical supports within 3 metres
- Be fixed firmly to the framework before concreting

SMALL INNER GAPS

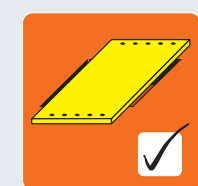
Exclusively for gaps (<1.50 m x 1.50 m)



to cover gaps with mesh

- Cover the whole gap
- This should be complemented with other means (boards or panels)

On site use: Mesh and boards will not be used to cover larger gaps



to cover gaps with boards

- They must be solid (minimum thickness of 2.5 cm.) be fastened down and cover the whole gap
- They must be firmly nailed
- They must be clearly visible, preferably painted yellow