

Design and Heritage statement:

Highpoint 1 was designed with roof terrace apertures in the guarding that render the terraces unsafe for use. These original features leave a guarding height of 560mm from the terrace deck (the minimum safe height is 1100mm).

The openings are a prominent feature of the roof and the proposal minimally impacts on the aperture both structurally in terms of the way it is affixed to the concrete walls and the minimal visual impact.

The proposed guarding is not permanent and is also distinct from the existing historic fabric.

Other similar apertures have been approved to be guarded with the same cable system so maintaining a consistent appearance throughout the building

Materials:

Stainless steel webnet with intersecting ferrules with perimeter tensile cables supported by resin anchored bolts. The resin anchors have a dual purpose of securing the cables whilst also also waterproofing the anchor points.

The polyvalent wire mesh

Webnet

Exceptional tensile resilience and flexibility with stainless steel.

Webnet is a wire mesh fabricated out of woven stainless steel strands. It is weather resistant, extremely robust and requires virtually no maintenance. The stainless steel net is suitable for interior and exterior applications. Installed on railings or in stairways, it provides stability and clear guidance. On facades, it can serve as a climbing support for plants or it can set delicate accents as a dividing element in large spaces. The greatest advantage, however, is its delicate structure. Especially in zoo animal enclosures or protective nets, the visual impairment due to the unavoidable barrier is minimal.

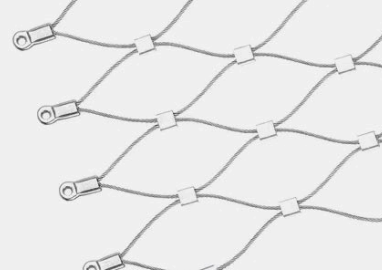
The nets are fabricated by Jakob Rope Systems in our own factory according to customer specifications. This means there are no limits to the shape and size. The mesh orientation of Webnet can be selected as desired, yet it is typically arranged vertically or horizontally for geometric shapes. Additionally, Webnet can be supplied in all colors of the RAL spectrum. Colors can highlight the net as an architectural design element or let it integrate seamlessly into the surrounding structure. For zoo enclosures or ball stop fences, a black dye helps to make the net even more difficult to spot for the human eye.

Webnet consists of AISI 316 and AISI 316L stainless steel. It has been assessed according to standard specifications and subjected to many test measurements. It is certified in Germany by the German Institute for Building Technology (DIBt) for the use as a horizontal and vertical fall prevention (Z-14.7-557).

Product

Webnet with sleeves

The Webnet standard version with sleeves is a classic. It is versatile, flexible and economical, especially with small rope diameters. The sleeves are made in a specially developed process in our factory by skilled workers. Webnet with sleeves is a good choice for all projects where design and cost-efficiency are of prime importance.




Jakob
Rope Systems



Ø 1,5-2 mm

