

COLOUR DESIGN



Electrolytic colouring

Wire rope nets, frames and accessories can be coloured in shades of black using spectral colouring. In principle, the colouring is not paint coating, but it is rather a surface treatment of the material instead. In electrolytic colouring, the thickness of the natural passive chromium oxide layer of stainless steel varies in its thickness between 0.02 and 0.36 μm , so that the light refracts differently, and a different colour effect is achieved.

Wire ropes, tubes and frames cannot be exactly the same colour. The colours of wire ropes, sleeves or other fittings may have different shades.

RAL shades cannot be achieved by means of spectral colouring. There is no ageing of the colour when exposed to the UV light. The materials can be shaped or bent.

For technical reasons, stainless steel parts can be coloured up to a maximum length of 50 m, wire nets up to an area of around 100 m² or a maximum weight of 150 kg. The colouring may be distorted at the hanging points.



Electrostatic colouring

During varnishing, the atomized paint is charged into the spray gun and is pulled by the grounded workpiece. The technique means that paint loss is relatively low. The wire ropes and nets are cleaned and degreased.

Prime coat: layer thickness: 8-15 μm

Topcoat: layer thickness: 8 – 15 μm

The complex geometry on the surface of the rope and the knots of the nets are the cause of a large number of microcracks that affect the appearance of the paint compared to flat surfaces, even if the paint is chosen and applied correctly.

The surface appears as a "silky sheen". Minor damage may occur during installation.

Frames: Maximum frame size 2,2 × 2,9 m

Wire nets: Maximum clear area 25 m²

Wire nets and frames: Maximum individual weight: 50 kg

Connecting wire ropes / custom-made wire ropes: Maximum 25 m

