

Cable tray systems in Glass Reinforced Polyester

are characterized by their extreme resistance because no other material is as strong as fiberglass reinforced polyester. In extreme conditions such as heat, sunlight (UV), cold or exposure to chemicals, material performs its function and for many years.

Qualities and advantages

High temperature resistance (-80 ° C à +130 ° C)

- high mechanical resistance
- high chemical resistance
- high dielectric strength
- Corrosion resistance
- extremely insulating material
- halogen free
- UV resistance
- food security
- low weight
- low thermal conductivity
- simple and without burr when changes
- extraordinary long lifetime
- self-extinguishing material
- no electrolytic corrosion
- no need to earth
- without toxic fumes
- optimal transportation and handling

The support systems of glass fiber cables offer maximum flexibility and efficiency. The wide range of products can meet the different applications of cables trays systems. A full range of standard fittings allows easy many configurations. Special sizes are available on demand.

Ebo has been certified since 1994 according to ISO 9001. What does this mean for you as a client:



- Ongoing evaluation and classification of suppliers
- The systematic control of raw materials and semi-finished goods receipt
- A regular review of technical data of materials in the laboratory
- Perfect control of the manufacturing
- Monitoring of the manufacturing process
- final inspection before shipment

Other certifications are available on our web site: www.ebo-systems.com



In the treatment of our products PRV, we recommend the use of protective clothing: gloves, goggles, mask, long-sleeved shirts and cotton trousers, to avoid possible skin irritation by dust.

SYSTEMS OVERVIEW

Cable tray systems **K²** K23 Available in widths 50 - 600 mm

- mechanical resistance thanks to a mixture of special resin
- made of pressed polyester reinforced with fiberglass
- Interlocking and self-adjustable coupling, no screws required
- 19 dimensions of cable trays available from stock perforated or not perforated
- 188 fittings available
- supporting distance of maximum 1,5 m

Application areas

wastewater treatment plant, chemical, offshore, tunnels, solar and photovoltaic installations, industrial facilities, power plants, mines, farms and food production.

Cable tray systems **KP** K23 Available in widths 60 - 300 mm

- made of pultruded polyester reinforced with fiberglass
- Quick assembly with clip in jointing pieces
- Expansion joint automatically set
- Cable trays with or without perforations
- Fast fix clip on lids
- supporting distance of maximum 4 m

Application areas

wastewater treatment plant, chemical, offshore, tunnels, solar and photovoltaic installations, industrial facilities, power plants, mines, farms and food production.

Cable ladder systems **UL** K23 Available in widths 150 - 900 mm

- made of pultruded polyester reinforced with fiberglass
- 30 dimensions of cable ladders available from stock perforated or not perforated
- Delivered assembled
- Possibility of on-site assembly, significant reduction in transport costs
- Unique patented clip-in rungs assembly, without metallic or thermoplastic parts
- No risk to damage cables when pulling them into the ladders
- Better resistance to vibrations
- Reversed rungs available
- Fittings available in all dimensions
- Supporting distance of maximum 6 m

Application areas

wastewater treatment plant, chemical, offshore, tunnels, solar and photovoltaic installations, industrial facilities, power plants, mines, farms and food production.

Trunking system LFG

K23

40

50

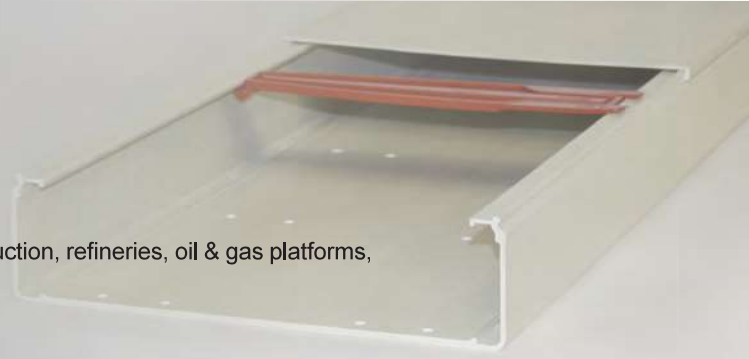
80

Available in widths
57 - 300 mm

- made in pultruded polyester reinforced with fiberglass
- 8 dimensions available
- maintenance of cables through a system of clamps
- extremely resistant

Application areas

among others: water treatment plants, sewage farms and food production, refineries, oil & gas platforms, Off Shore, solar and photovoltaic installation, Tunnel



Ground ducts Press moulded GRP BK/BKS

K23

140

155

176

191

Available in widths
200 - 400 mm

- made in pressed polyester reinforced with fiberglass
- Interlocking and self-adjustable coupling, no screws required
- Anchor attachment in concrete pre-mounted
- Extremely impact and frost-resistant

Application areas

among others: business bridge construction, tunnel, mining and port facilities.



Stand-System SP

K23

150

Available in widths
150 und 250 mm

- made in pultruded polyester reinforced with fiberglass
- insulating, no need to earth
- slight
- resistant short circuit of 30 kV, certificate provided by IPH Berlin

Application areas

among others: railways, trains, subways



Cable tray handrail systems MC

K23

- made in pultruded polyester reinforced with fiberglass
- fire retardant
- self-extinguishing material
- low thermal conductivity
- maximal supporting distance 1.5m
- certified E30, conform to the standard DIN 4105-12

Application areas

among others: industrial plants railways, and road tunnels

