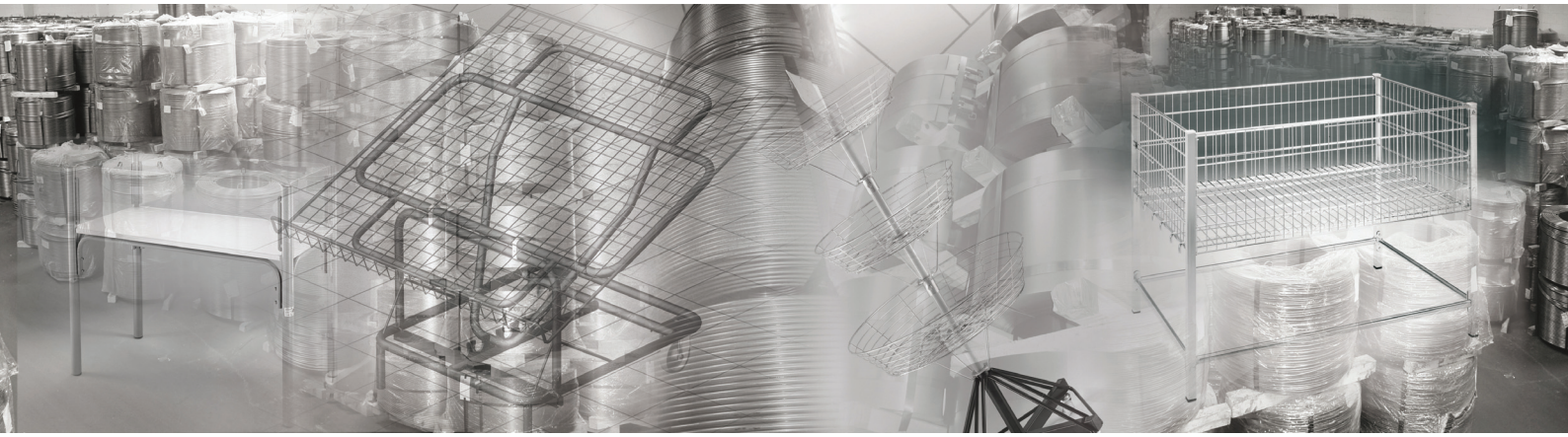
T E C H N I C A L S P E C I F I C A T I O N S



FINISHES

Made with high quality materials in accordance with European standards UNE 10016-1, UNE EN 10016-2, UNE EN 10025, UNE EN 10111, UNE EN 10204.

All joints have weld penetrations averaging 15% (depending on the diameter).

CROME NICKEL : chrome .- 10 microns.
nickel .- 1,5 microns.

COATINGS

Zinc coated: electrolytic zinc treatment applied in layer from 10 to 20 microns thick.

Epoxy polyester: electrostatically coated with 60 to 80 microns of epoxy polyester polymerised at 200ºC.

CHEMICAL RESISTANCE

	Epoxi Polyester
Salt Spray: (ASTM B 117)	> 500 h.
Moisture Test Chamber: (DIN 50017)	> 1000 h.
Distilled Water Inmersion: (40 ºC)	> 700 h.

MECHANICAL PROPERTIES

	Epoxi Polyester
Brightness 60 (DIN 53151)	90%
Adherence (2 mm. grid square)	100%
Hardness (pencil - proof INTA 160302 - 2)	> 3 h.
Notch strenght (ASTM D 2974)	Ball 12 mm.
	Direct 70 cm.
	Inverse 70 cm.
Persoz hardness	> 300
Cone mandrel flexibility (DIN 53156)	5 mm.

All chemical and mechanical tests have been carried out into assaying beams of microcrystalline phosphate steel (BONDER 132) applied in layer from 50 to 60 microns and polymerised at 200 ºC.