

**PLATED IN ITALY: under the most restrictive environmental laws in the world.**

To buy a product Plated in Italy means to respect the environment. As a matter of fact, Italian environmental laws are the most restrictive with respect to the emerging countries as well as to the most developed.

**As shown by the table, the emission limits values for waste water of Italian industry are the smallest for aluminium, cadmium, copper, iron, quicksilver, nitrites, phosphorus, lead and zinc.**

As far as the other elements are concerned the Italian limit values are rather always close to the lowest.

**Italy is the only country where limit values apply also to chlorides, sulphates, boron and surfactants.**

When adding to the very restrictive environmental regulations the severe system of controls carried out by the competent authorities with the support of a net of performing laboratories, the result is that electroplating processes in Italy are carried out with the maximum care of environment.

	I	B	F	D	GB	NL	E	P
Al	1	10	5	3			2	5
Cd	0,02	0,6	0,2	0,2	0,01	0,2	0,5	0,2
CN	0,5		0,1	0,2	0,2	0,2	1	0,1
Cr6+	0,2	0,5	0,1	0,1	0,1	0,1	0,5	0,1
Cr	2	5	3	0,5	1	0,5	4	3
Cu	0,1	4	2	0,5	2	0,5	10	2
F	6	10	15	50			12	15
Fe	2	20	5	3			10	5
Hg	0,005		0,1			0,05	0,1	0,05
Ni	2	3	5	1	1	0,5	10	5
P	10	2	10	2		15	20	10
Pb	0,2	1	1	0,5			0,5	1
Sn	10	2	2	2	2	2	10	2
Zn	0,5	7	5	2	2	0,5	20	5
COD	160	300	150	400				150
HC	5		5	0,1	0,1	0,1	40	

**REMARKS**

**HC:** hydrocarbons.

**GB:** only England and Wales.

Data as mg/l from the document "Best References for Surface Treatments on Metals and Plastics" issued by the European Integrated Prevention and Pollution Control Bureau (EIPPCB).