

## INFORMATIONS OF THE REGULATIONS IN FORCE ABOUT TRAPS PRODUCTION

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The law EN274 concerns the construction and the characteristics of discharge and water-process in the traps for basin or bidet.

The law EN274 says that: the trap is an hydraulic device place between the waste and the wall discharge, its function is to discharge the water and to prevent the gases and the bad smells to be dissolved in the room where the trap is.

The regulation provides the followings principal characteristic:

- material
- dimensions
- functionality

**Material:** it can be made up of plastic or metal (chromed brass); if in brass can be fused or made in tube.

**Dimension:** the trap must be 1 "1/4 with all the equivalent passages to a pipe with inside diameter of 30 mm. It must have a water course of 50 mm.

**Functionality:** to follow the law, the trap must discharge 0,7 l/t (liter/second).

## INFORMATION ABOUT COMPOSITION OF THE MATERIAL AND CHEMICAL ANALYSIS

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Analysis on a trap of importation (Chinese market) made on 16/09/2004:

Cu	Pb	Sn	Fe	Ni	Al	Mn	Sb	Zn
56,80	3,18	0,84	0,58	0,33	0,04	0,02	0,03	difference

Analysis on a trap of importation (Chinese market) made on 21/02/2006:

Cu	Pb	Sn	Fe	Ni	Al	Mn	Zn
57,64	3,93	0,97	0,76	0,41	0,39	0,04	difference

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Ravani Sifoni's TRaps are built with pipe and brass in bars, worked and settled. Following we list the chemical analysis of the pipe and the brass-bar used by Ravani Sifoni.

Chemical composition of brass pipe OT 63cu 37Zn-CW508L-EN12449:9 conforming DIN 50930-6:

Cu	Pb	As	Al	Fe	Mn	Ni	Sn	Others	Zn
63,00	2,20	0,10	0,80	0,30	0,10	0,20	0,30	0,02	difference

Chemical composition of brass in bars TN.Tra UNI EN 12164:01 CW617N:

	Cu	Pb	Sn	Fe	Ni	Al	Mn	As	Others	Zn
Min:	57,00	1,60								
Max:	59,00	2,50	0,30	0,30	0,30	0,05	0,00	0,00	0,20	difference

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