

FLUX FX 15 P

Fluxing agent for hot dip galvanization lines

Physical chemical properties

Physical state:	Powder
pH 1% :	6,6 ± 0,5
Chemical composition:	Blend of zinc and ammonium chloride

Typical applications

Flux FX 15 P is a fluxing agent to be used, dissolved in water before, the hot dip galvanization phase.

The product acts in three ways:

- 1) When dipped in the melted zinc it decomposes in ammonia (NH₃) and hydrochloric acid (HCl) giving an additional pickling effect for the removal of the oxides that are formed during the transferring of the parts that have to be plated
- 2) It reduces the surface tension of the melted zinc increasing the wettability between the zinc and the metal

It protects the surfaces during the drying stage preventing oxidation phenomena due to the high drying temperature

Application conditions

Concentration of use:	300 - 600 g/l
Working temperature:	25 - 50° C

Possibility to be regenerated

The fluxing bath can be purified from iron contamination using our dedicated cleaning unit.