



Product Information

TIB Flux 60

Product number 201486

TIBCHEMICALS

PRODUCT DESCRIPTION

TIB Flux 60 is premium flux salt for the galvanising industry. It can be used for the initial makeup and for replenishment of flux baths.

TIB Flux 60 is the major component of the **TIB Flux 60 System** along with **TIB Flux 60 pH & pH+** for acid control and **TIB Flux 60 Ferrokill & Ferrokill+** for Iron control

TIB Flux 60 has increased temperature stability for better dying.

FEATURES AND BENEFITS

- ◆ can be used for piece-, small parts- and wire galvanizing
- ◆ excellent after pickling effect
- ◆ Tolerates higher drying temperatures

PHYSICAL PROPERTIES

Appearance	white crystalline powder
pH in solution	4 - 5
Solubility	900 g/l

CHEMICAL CHARACTERISTICS

Composition	Zinc-Ammonium Chloride Salt
Formulae	60% ZnCl ₂ : 40% NH ₄ Cl
Others	corrosive; hygroscopic

PACKAGING

- ◆ 25 kg bags
- ◆ 200 kg drums

STORAGE

TIB Flux 60 has a shelf life of approximately 6 months if stored in sealed containers in a cool dry place

CUSTOMS TARIFF NUMBER

38109090

APPLICATION INFORMATION

Typical operating parameters

Temperature	20 - 80 °C, preferably 60 °C
Time	4 - 5 min
pH	3 - 5.5, preferably 5
Iron	0 - 30 g/l, preferably < 10 g/l

Working concentrations

Type of work	Concentration	
	° Bé	g/l
Wire	7-13	100 - 200
Thin sheets	13-19	200 - 330
Tube / General	19-30	330 - 535
Heavy sections & Forgings	30-40	535 - 800

Initial composition of a new tank

Density [°Bé]	TIB Flux 60 [kg]	Water [L]
15	208	907
20	296	864
25	400	809
30	516	745

Testing and Control

Frequent testing for pH, temperature, density and dissolved iron is essential to maintain the working bath at its optimum parameters. For an appropriate method please refer to TIB's analytical methods for Hot-dip Galvanisers

Additions

In order to increase the flux by 1°Bé per 1m³

Concentration range	Addition kg
15 - 20 °Bé	21
20 - 25 °Bé	26
25 - 30 °Bé	32

HANDLING, HEALTH AND SAFETY

Suitable protective clothing should be worn when handling the product for further information refer to the relevant MSDS