

## Refining Flux for Aluminium Alloys “Refinex™”

Refinex™ is used for removing the oxides and non-metallic inclusions. It reduces metal loss and provides high consistent performance. Refinex™ produces no toxic gas or smoke during application. It has no hazardous effect on employees and the environment. There are two types of product; powder and granular forms.

### Method of Use

- Refinex™ is splattered on the surface of the aluminium bath. Dross layer is mixed very well until a dry and powder layer is formed. After separation of the aluminium and dross, the dross is removed.
- Service temperature: 650 °C and above.
- Amount of use: 0.2 - 0.5% of the total metal weight.



### Product Types

- Refinex™ 121 : Powder
- Refinex™ 121 G : Granular

### Packaging

- 25 kg/bag

### Shelf Life

- 1 year. Store in a dry and well-ventilated place.

### Main Properties

Product Type	Refinex™ 121		Refinex™ 121 G	
	Min.	Max.	Min.	Max.
Chemical Composition, %				
NaCl	40	60	40	60
KCl	25	35	25	35
Na <sub>3</sub> AlF <sub>6</sub>	15	25	15	25
SO <sub>4</sub>	0	1.5	0	1.5
Mg	0	0.3	0	0.3
Ca	0	0.1	0	0.1
H <sub>2</sub> O	0	0.2	0	0.2
Dimension	< 20 Mesh		Max. 3.5 mm	
Density, g/cm <sup>3</sup>	1.10-1.20		1.10-1.20	
Melting Point, °C	>700		>700	

The values given herein are typical average values obtained in accordance with standard test methods and subject to normal manufacturing variations. They are supplied as technical data and may change without notice. Contact our company to obtain detailed information.