



**EIE Enterprise (M) Sdn. Bhd.** (944691-T)

## **EIE 118-25 Rosin Flux**

### **DESCRIPTION**

EIE 118-25 rosin flux is specially formulated with a small percentage of rosin, developed for mixed and SMD assemblies soldering. This flux is designed to give maximum wetting performance and cosmetically clean exit wave-soldering boards assemblies. The flux is formulated to have **No-White residues** problem associated with most rosin-based fluxes that required removal of flux residues from assemblies. Post soldering residue removal is not necessary and it does not affect pin testing interference.

### **SPECIAL FEATURES**

- Outstanding solderability on all type of boards
- Excellent wetting on surface mounted components
- Increased productivity can be achieved through faster conveyor speeds
- Low residue remain – often, no further cleaning is required
- Suitable for leaded and lead-free (SnCuNi and SAC) alloys

### **APPLICATION**

EIE 118-25 flux can be used in foam flux operations as well as applying it by dipping, brushing or spraying. Flux deposition should be 115-235  $\mu\text{g}$  of flux solids/cm<sup>2</sup>. For rosin-based flux, controlling the S.G. is sufficient for process control to achieve consistent soldering – yield. EIE 118-25 can be used for soldering consumer products like TV, radio, VCR, key board, power supply board, wire-harnessing leads and component's leads. The post flux residues are non-conductive or corrosive and often no cleaning is required. If for cosmetic appearance reason, the residue can be removed with a bi-polar solvent EIE 128 cleaner.

### **PHYSICAL PROPERTIES**

Appearance	Light Amber
Specific Gravity @25°C	0.808 $\pm$ 0.005
Solid Content % (w/w)	5.0
Flash Point (T.O.C.)	18°C

Surface Insulation Resistance  
(As Per IPC-TM-650)

Day 4 (96 hrs) ohm	$>5.0 \times 10^{11}$
Day 7 (168 hrs) ohm	$>1.5 \times 10^{11}$
Minimum requirement (7 days)	$1.0 \times 10^8$

### **STORAGE**

EIE 118-25 series flux is alcohol-based and is flammable. Store and keep away from sources of ignition.

### **PACKING**

25 litre/carboy or 200litre /HDPE drum