



# Technical Data Sheet

## Korfil 500

### Product Information

Korfil 500 is a two component fast setting filler based on modified epoxy technology. It is characterised by its minimal health and safety classification only classed as an irritant. Packaged as cartridge applied product it offers excellent workability and adheres well to aluminium alloys and composite materials and has excellent long-term durability.

### Technical Characteristics

Base	Epoxy Resin
Density – g/cm <sup>3</sup>	0.96
Viscosity	Soft Paste
Thixotropic	Slightly flowable
Rate of Extrusion at 20°C / 68°F	350 ml/min
Rate of Extrusion at 38°C / 100°F	600 ml/min
Usable Life	15 minutes
Setting Time at 25°C / 77°F	20 – 30 minutes
Setting Time at 60° - 140°F	5 minutes
Compressive Strength	>20MPa / >5000 PSI
Lap Shear Strength	15MPa / 2750 PSI
Temperature Resistance	- 40°C to +70°C / -40°F to 158°F
Temperature Resistance – Ground Soak	-55°C to + 90°C / -67°F to +194°F
Thermal Expansion	73.3 x 10 <sup>-6</sup> m/m/°C
Water Absorption (% increase in weight)	<0.1
Mix Ratio (by volume)	1:1

(\*) These values may vary depending on environmental factors, such as: temperature, moisture and type of substrates.

### Packaging

Colour:	Light Blue
Packaging:	600ml Cartridge

### Shelf Life

12 months in unopened packaging on a cool dry storage place at temperatures between +15°C and +25°C / +59°F and +77°F

### Health and Safety Recommendation

As with all epoxy products, avoid skin and eye contact and apply the usual industrial hygiene. Check the packaging for more information or see MSDS.

The variability of materials, substrates and conditions of use is such that no warranty of their functionality for a specific application can be deducted from this information, written recommendations or any other type of suggestion offered. Each user has the responsibility to complete adequate evaluations on the efficiency of the materials offered by Korba, of its products, services, recommendations and suggestions for the specific application need, and must accomplish sufficient testing to ascertain that the final product will be safe and sound for the final intent of the end-user.

### Manufacturer/Supplier:

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### Further information obtainable from:

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### Telephone number:

During normal office hours (0700 to 1630) please call +34 937109706.  
Outside of these times please call 0034 656708004