



## TECHNICAL DATA SHEET

# AEROK 9150

## PRODUCT

Aerok 9150 is a two component low density void and edge filler based on modified epoxy technology. Designed as a cartridge applied product it offers excellent workability and adheres well to aluminium alloys and composite materials and has excellent long-term durability and FST performance, meeting requirements of ABD 0031 and FAR/JAR 25.853.

## TECHNICAL CHARACTERISTICS

Base	Epoxy Resin
Density - g/cm <sup>3</sup>	0.7
Viscosity	Soft Paste
Thixotropic	Yes
Rate of Extrusion at 20°C / 68°F	300ml/min
Rate of Extrusion at 38°C / 100°F	N/A
Usable Life	20 minutes
Setting Time at 25°C / 77°F	40 minutes
Setting Time at 60°C / 140°F	20 minutes
Compressive Strength	>35MPa / >5000 PSI
Lap Shear Strength	18MPa / 2600 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 Grey

*Packaging:* 600ml Cartridge, 25 Litre Pail, 20.29floz, 845.35floz

## SHELF LIFE

12 months in unopened packaging in a cool and 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 recommendation or any other type of suggestion offered. Each user has the responsibility to complete adequate evaluations on the efficacy of the materials offered by Forgeway, 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.

