



AEROK®

PYROK®

FORMOA®

FORBOND®

PUROK™

TECHNICAL DATA SHEET - Ammended 27.01.2012

AEROK 7205

PRODUCT

Aerok 7205 is a single component heat cured, low density void and edge filler based on modified epoxy technology. Developed to be dispensed from 300ml cartridges or via bulk dispense equipment. High specific adhesion to composite and metallic components found in aircraft construction. Meeting the requirements of ABD 0031 and FAR/JAR 25.853

TECHNICAL CHARACTERISTICS

Base	Epoxy Resin
Density - g/cm ³	0.5 - 0.54
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	4 hours
Setting Time at 120°C	60 minutes
Setting Time at 180°C	20 minutes
Compressive Strength	>35MPa / >5000 PSI
Lap Shear Strength	>12MPa
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 ⁻⁶ m/m/°C
Water Absorption (% increase in weight)	<0.1

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



FORGEWAY

PACKAGING

Colour: Light Red

Packaging: 300ml Cartridge, 5 litre pail, 25 Litre Pail and 205 litre drum.

SHELF LIFE

3 months in unopened packaging in cold refrigerated storage - below 3 degrees Celsius.
Storage temperature at ambient - 3 to 5 days maximum.

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.