ROCKET FILLER

PRODUCT DESCRIPTION:

ROCKET FILLER is used for filling pits and building transitions prior to applying ROCKET FABRIC. The ROCKET WRAP composite repair system has been engineered, tested, and conforms to ASME PCC-2 for High-Risk Non-Metallic Repairs.

FEATURES:

- Min/Max Service temperatures: -50°F to 350°F (-46°C to 177°C)
- Application temperatures: 50°F to 212°F (10°C to 100°C)
- Thick and will not sag when applied in vertical and overhead applications.
- Designed to withstand elevated temperatures and harsh chemicals.

INSTRUCTIONS FOR USE:

For optimum adhesion, ensure all surfaces to be bonded are free of debris, oils or release compounds. Adhesion may be enhanced by cleaning the substrates with a solvent such as MEK or Acetone. Substrates should be dry before material application. Always mix a complete unit in the proportions supplied. Combine the entire contents of Part A and Part B. Mix for 3 minutes (until uniform color and consistency is achieved).

STORAGE AND HANDLING:

The shelf life of ROCKET FILLER is 24 months at 77°F (25ºC). For best results, store in original, tightly closed containers in a cool, dry place out of direct sunlight.

PACKAGING:

400 Gram Kit (11.8 fl oz)
800 Gram Kit (23.6 fl oz)
1200 Gram Kit (35.5 fl oz)
2400 Gram Kit (71 fl oz)

LIMITED WARRANTY

For warranty information please visit

https://www.jetlube.com/assets/documents/Limited-Warranty_Whitmore-Manufacturing.pdf
You can also email us
at sales@jetlube.com

Properties of Materials as Supplied:

(All tests are conducted at 25ºC +/- 2ºC, unless otherwise indicated.)

Part A Resin:

Chemical Type	Epoxy
Appearance (Visual)	Orange
Density (ASTM D1475)	1.13(9.45) g/ml (lb/gal)
Brookfield Viscosity (ASTM D2393)	(500,000 – 650,000Cp)

Part B Hardener:

Chemical Type	Amine
Appearance (Visual)	White
Density (ASTM D1475)	0.99 (8.29) g/ml (lb/gal
Brookfield Viscosity (ASTM D2393)	(200,000 - 300,000 cP)

Properties of Mixed Material:

Appearance (Visual)	Opaque
Density (ASTM D1475)	1.10 (9.21) g/cc(lb/gal)
Brookfield Viscosity (ASTM D2393)	(300,000– 500,000 cP)
Mix Ratio by Weight	100:24
By Volume	100:27
Pot Life (100g mass @77°F / 25°C)	25 – 30 Minutes
Tack Free Time (77°F/ 25°C)	4 Hours

Properties of Cured Material[1]:

Shore D Hardness (ASTM D2240)	80
Tensile Strength (ASTM D638)	5,710 psi
Tensile Elongation (ASTM D638)	2.04 %
Compressive Strength (ASTM D695)	12,400 psi
Compressive Modulus (ASTM D695)	434 psi
Lap Shear Strength @ 25°C(ASTM D1002)	2,083 psi
Lap Shear Strength @177°C(ASTM D1002)	305 psi
Heat Distortion (ASTM D648-18)	514°F(268°C)