HPZ Crusher Services Inc.
Mining and quarrying products since 1964

THREE-COMPONENT KIT

TECHNICAL DATA SHEET

HPZ Locking Compound

Pourable epoxy for eccentric bushings in Symons cone crushers

CHEMISTRY	MIXED YIELD	COMPONENTS
100% solids	**1.88 L**	**3 parts**
Epoxy system	115 in³ per kit	Foundation, Resin and Hardener

Application and kit selection

SYMONS BUSHING POSITION	QUANTITY PER BUSHING
Inner eccentric	**1 kit**
Outer eccentric, most models	**1 kit**
Outer eccentric, 5½ ft Standard or Short Head	**More than 1 kit**

Confirm the number of kits against the locking pocket volume for the crusher being serviced.

Manufacturer-reported properties

Mix ratios are listed as Foundation / Resin / Hardener. Mix all three components as a complete kit.

PROPERTY	METHOD	REPORTED VALUE
Mixed appearance	—	**Grey, pourable**
Mix ratio by volume	—	**1.24 : 2.41 : 1**
Mix ratio by weight	—	**46.88 : 39.06 : 14.06**
Compressive strength*	ASTM D695	**12,000 psi (83 MPa)**
Tensile lap shear strength*	ASTM D1002	**6,000 psi (41 MPa)**
Charpy impact strength*	—	**3.0 ft·lbf/in**
Hardness*	ASTM D2240	**90 Shore D**
Maximum operating temperature	—	**107 °C (225 °F)**
Working time / cure time at 24 °C (75 °F)	—	**10 min / 8 h**

* Reported after post-curing.

Storage and handling Reported shelf life is one year at room temperature. Verify this sheet against the supplied kit label and follow the current component SDS before handling.

Source Original supplier technical information (02/94a)