

GENIICS INC.

Cobra™ FLEX



WOODPECKER DAMAGE REPAIR PRODUCT

- *Cobra*™ FLEX is a clean, easy to use wood replacement product
- *Cobra*™ FLEX poses no climbing risk
- *Cobra*™ FLEX bonds to wood and remains flexible once set



(509) 927-8527

Application

Genics Cobra™ FLEX is a non-epoxy climbable woodpecker and mechanical damage repair product. It not only re-strengthens the wood pole, it allows linemen to penetrate the flexible material with their spurs during climbing. *Cobra™ FLEX* material has been engineered to emulate the same bending properties as wood; therefore it acts like wood once it is installed.

Because of the flexible nature of *Cobra™ FLEX*, it can be cut or drilled without danger or damage to tools. *Cobra™ FLEX* is non-toxic and upon eventual disposal, the wood poles will not be classified as a hazardous waste due to the *Cobra™ FLEX* being in it.

Cobra™ FLEX is dispensed through a very clean delivery system that automatically mixes the chemicals in the right combination to assure that the tensile strength of the pole is restored. Most poles can be completed in less than 30 minutes and can even be applied to wet surfaces and begins to bond and set up within 30 seconds.

Cobra™ FLEX is castable, non-shrinking medium viscosity urethane. The formulatoin mixes and pours easily, precisely filling the pits clearly and evenly. Clean wood filler can be placed inside of cavity before application of *Cobra™ FLEX* to safely reduce the amount of product required.



Mix ratio by weight (resin:hardener)	77:23
Specific volume (inches ³ per lb.)	26.5
Coverage per lb – One square inch @ 1/4" thick	106
Viscosity with hardener (cps)	10,000
Pot life of 1 lb. In minutes @ 75 deg F	30
Demolding time (hours)	10
Operating temperature (max. Wet)	120
Operating temperature (max. Dry)	180
Cured hardness (Shore A ASTM D 2240)	87
Tensile strength (psi ASTM D 412)	2,100
Cure shrinkage (in./in. ASTM D 2566)	0.0018
Tear resistance (pli ASTM D 624)	350
Abrasion resistance (weight loss)*	285*
Ultimate elongation (percentage ASTM D 412)	650
Dielectric strength (ASTM D 149 volts/mil)	350

*Taber H-18 wheel Mg/1,000 revs-1000 gram load



GENICS INC.

561 Acheson Rd, 53016 Hwy 60
 Acheson, AB Canada T7X 5A7
 Tel: 780-962-1000
 Toll Free: 1-877-943-6427
 Fax: 780-962-1052
 www.genicsinc.com

Single Cartridge	50100
Case of 5 Cartridges	50105
Mixing Nozzle	50110
Manual Applicator	50201
Pneumatic Applicator	50105
Mixing Nozzle	50110

Refer to *Cobra™ FLEX* MSDS prior to use.