



CROSSLINK TECHNOLOGY INC.

Formulated Epoxies, Urethanes ▪ Custom Cast Parts

www.crosslinktech.com



GENERAL REPAIR COMPOUND FOR WOODEN POLES DAMAGED BY WOODPECKERS AND OTHER CAUSES.

PRODUCT ATTRIBUTES:

➤ **Formulated Polyurethane**

- The product is formulated to provide the best combination of mixed viscosity and gel time, allowing it to penetrate cracks and crevices in and around the area being repaired before it solidifies.
- The thixotropic (ability to cling to surfaces) property of the mixed material minimizes leakage from filled cavities.
- The mixed product has a tack free time of approximately 20 minutes.
- There is minimum heat (exotherm) generated during solidification (much less than epoxy).

➤ **Fills voids and bonds to cavity walls**

- The available bond surface area is significantly increased by the material's ability to penetrate small cracks and cavities within the repair area.
- Polyurethanes are recognized as excellent in adhering to wood and other porous materials under a variety of temperatures and moisture conditions.

➤ **Convenient 1:1 mix ratio**

- Equal amounts of resin and hardener allow for more accurate and thorough mix.
- Requires a shorter mix head containing fewer elements therefore easier to dispense.

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➤ **Consistently thorough cure**

- Dispense cartridges equipped with static mix heads ensure a thorough mix in the correct proportions.
- The resin and hardener are different shades for easy visual detection of mixing problems.

➤ **Quick and easy dispensing** (no manual mixing required)

- The cartridges are suitable for use in a variety of dispense guns as follows:

Manual (requires much less force than a regular caulking gun)

Pneumatic dispense gun (requires compressed air)

Electric dispense gun (can be used with a portable hand drill)

- Easy to load cartridges.
- Easy to attach, disposable static mix heads.
- All dispense guns are equipped with clutch mechanisms to prevent damage due to obstructed mix heads.
- Hardening will only occur in areas containing mixed material (the static mix head and beyond). The operator has approximately 12 minutes to clear the mix head by dispensing fresh product through it.
- Partially used cartridges can be saved by removing the old mix head and re-capping the bottom opening of the cartridge.

➤ **Minimal mess during handling**

- No mess mounting cartridges into guns.
- Minimal mess while filling cavities.
- Sealing all openings connected to the cavity being repaired (except the pour hole) with an adhesive tape will easily prevent soiling the lineman's equipment (boots, belts etc.)
- Residual dripping of the mix head, after filling the cavity, can be easily prevented just by placing the dispense gun in reverse for a few revolutions, this will "suck" the drips back into the mix head).

➤ **Safe to climb with spurs**

- The cured product is formulated to emulate the cross section hardness of commonly used utility poles.
- Although the cured hardness will change slightly with extreme temperatures, it is designed to maintain good resiliency for climbing without rebounding, deflecting or chipping. The material is designed to remain intact under high tension.

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➤ **Can be applied under a wide range of conditions**

- For optimum results we recommend application under dry conditions (dry surfaces) although acceptable results may be obtained on slightly damp surfaces.
- Cure is not affected by the presence of moisture.

➤ **Designed to allow for pole flexing without cracking or developing rigid stress lines.**

- Designed to emulate the pole cross-section hardness the cured product will flex with the pole without creating undue stress at the repair site during cantilever loading imposed by the elements.
 - Note:
 - The condition and the thickness of the external shell as well as the location of damaged areas are the determining factors for the ultimate strength and usability of the pole.

➤ **Non-nutrient to fungi**

- The cured product will not support any fungus growth.
- Surfaces coated with the compound will be sealed from oxygen and moisture necessary for the growth of fungi. This will reduce or completely eliminate further deterioration due to these causes in and around the covered area.

➤ **Wide range of application temperatures**

- Our recommended minimum material temperature is 0°C (32°F). This minimum cartridge temperature is easily achieved by storing the cartridges in the cab of the service vehicle during cold temperatures prior to the repairs.
- The material is useable in cold temperatures but will be harder to dispense due to the resultant increase in viscosity and will not harden completely until the temperatures reach above the freezing level.

➤ **Reduces pole rot in the repair area**

- Repaired surfaces are sealed from moisture thereby reducing the possibility of pole rot.

➤ **Woodpeckers will not continue to excavate in the location of the repair**

Summary:

Our PeckerPatch[®] pole repair compound was specifically developed as a convenient, easy to use product for the repair of wooden utility poles damaged by woodpeckers. The development focused on lineman's safety, ease of use under various conditions and material characteristics which are compatible with wood utility poles.

The product is packaged in 1,600ml disposable cartridges and the components are mixed in the correct proportions during dispensing through a disposable static mix head. A variety of dispense guns are available depending on need and the type of services available in the field. Our starter kits include one dispense gun (at a significantly reduced price), 20 cartridges of repair compound, 20 disposable static mix heads and all accessories, as an introductory package at an extremely favourable price*.

*Price varies with the type of dispense gun selected.

Dispense Guns:



Pneumatic Dispense Gun

Part # CLE ADG1



Manual Dispense Gun

Part # CLE MDG1



Drill Gun

Part # CLE DDG2



Manual Release Drill Gun

Part # CLE DDG1

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