Polywater®
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INSTRUCTIONS FOR USE

POLYWATER® POLE REPAIR SEALANT
(UPR-PR)

POLYWATER® POLE REPAIR SEALANT

Polywater Pole Repair Sealant (UPR-PR) repairs woodpecker damage and pole line hardware holes. Use it to fill irregularly shaped cavities and hole damage of all sizes. It integrates into the wood and withstands weather extremes. UPR-PR can be used to repair all types of wood poles.

INSTALLATION

Installation temperature:
20°F to 110°F (-6°C to 43°C)
In-service temperature:
-40°F to 150°F (-40°C to 65°C)

- Keep cartridge above 40°F (4°C) for cool weather application.
- Remove standing water and debris from hole.
- Inject material rapidly for best mixing and performance.

SAFETY

- Wear eye protection.
- Use protective gloves and protect bare skin.

Remove all debris and water from the hole

1. Measure the depth and diameter of the hole to determine the quantity of UPR-PR and wood blocks needed. See Table 1 below.

Each cartridge will fill approximately 50 cubic inches.

Do not use more than 5 blocks for every 3 cartridges of UPR-PR.

Note: For a small hole, fill the hole just under half full with UPR-PR.

Wrap hole with stretch wrap

2. Remove all debris and water from the hole. Duct putty may be used to fill any cracks at bottom of the hole to prevent UPR-PR from leaking out. UPR-NF doesn't require the use of duct putty.

Place blocks into the hole.

Wrap 2 to 3 layers stretch film around pole, covering the hole and forming a seal to contain the UPR-PR. The stretch wrap should cover at least 6 inches below hole. Leave a small access port to inject UPR-PR in the top of the wrap.

Insert cartridge into high-ratio caulking tool

3. Remove UPR-PR cartridge from pouch.

NOTE: Do not remove cartridge from protective plastic pouch until ready to use.

Holding cartridge upright, remove nut and plug. Plug can be saved for re-use

Insert static mixer and rapidly inject material into hole

4. Use a standard, high-ratio caulking tool to install UPR-PR. For best performance use Polywater **Cat. # TOOL-250**.

Insert static mixer into the port through the top of the stretch wrap. Rapid injection will produce better mixing.

For best results inject no more than 3 cartridges sequentially. For holes requiring more than 3 cartridges, wait 5 to 10 minutes between sets of 3 cartridges.

TABLE 1 UPR-PR 250 ML

DEPTH INCHES (CM)	PRODUCT QUANTITY	DIAMETER INCHES (CM)				
		5 (12.5)	6 (15)	8 (20)	10 (25)	12 (30)
6 (15)	Cartridges	1	2.5	4	7	10
	Blocks	2	4	7	8	14
8 (20)	Cartridges	1.5	3	6	9	13
	Blocks	2	5	7	12	17
10 (25)	Cartridges	2	4	7	12	15
	Blocks	2	6	11	17	25
12 (30)	Cartridges	2	5	9	13	18
	Blocks	3	6	10	20	30
14 (35)	Cartridges	2	6	10	15	22
	Blocks	3	6	14	20	34
16 (40)	Cartridges	3	6	11	17	23
	Blocks	3	11	18	28	40
18 (45)	Cartridges	3	7	13	19	28
	Blocks	5	11	18	32	45

Cover injection port with stretch wrap

5. After injecting the final cartridge of UPR-PR, cover the access port with stretch wrap. Observe as the foam rises, filling the hole over 5 to 10 minutes. If the fill is incomplete, additional UPR-PR (either a partial or full cartridge) may be added to finish the fill. UPR-PR adheres to wood and to itself.

After the hole is filled, the stretch wrap can be removed around the hole by cutting the wrap on each side with a knife.

ADDITIONAL INSTRUCTIONS TIPS

Clogged/Leaking Cartridge

The small orifices in the cartridge tip may become clogged. Poke through and loosen hard material or crust with a wire. Material may be used as directed once the clog is cleared. If the back plugs are leaking, do not use cartridge.

Re-use and Cleanup

Cartridge can be reused for several weeks after initial use. Remove static mixer and visually ensure that orifices are not blocked. Seal with replaceable plug and nut. When ready to use, remove end cap assembly and check to make sure orifices are clear of any hardened sealant. Attach a new, unused static mixer and insert used cartridge into high ratio caulking tool.

Unreacted material may be cleaned from surfaces with a solvent wipe such as Polywater Type HP™ Cleaner. Part A amber resin will react with water if surfaces are washed with soap and water solution. Once reacted, material has strong adhesion, and may be scraped or cut from surface. For skin contamination, wash thoroughly with soap and water.

See SDS for further information.

Water in Hole

Remove any standing water. UPR-PR will incorporate water into the cure. Water and/or contamination will weaken the material.

Cold Weather Use

UPR-PR can be used in temperatures down to 20°F (-7°C). Reaction is slower but will completely foam and cure with time. At cold temperatures, UPR-PR becomes slightly viscous and flows through the static mixer at a slower rate. UPR-PR cartridges should be between 50°F and 80°F (10°C to 27°C) when applied.

STORAGE AND HANDLING

Keep containers cool, dry, and away from sunlight. Leave cartridges in the protective plastic pouch until ready to use/reuse.

Product shelf life is 18 months. Shelf life is one month after the product is opened.

Partially used cartridge: Remove static mixer immediately after use and replace the cap for later use.

CONTACT US

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