

Repair and rebuild anything made of copper

# QuikCopper<sup>®</sup>

COPPER-REINFORCED EPOXY PUTTY STICK

## Repair...

- Freeze breaks
- Leaking household hot water lines
- Other plumbing problems in 15 minutes

## Seal...

- Copper gutters and downspouts
- Leaks in pipes
- Elbows
- Joints
- Sleeves
- Traps

## Bond...

- To damp, wet, slow-leaking surfaces



- The ultimate solution for small or emergency repairs
- Easy-to-use and mistake-proof
- Bonds instantly with superior strength
- Saves hundreds of dollars in repairs
- Belongs in every toolbox



Joins and seals copper downspouts!



Fixes freeze breaks in minutes!



Stops leaks quickly and easily!

Made in U.S.A.

**PSI** POLYMERIC SYSTEMS, INC.

3

MINUTE  
WORK  
LIFE

# QuikCopper copper-Reinforced Epoxy Putty Stick

## Product Description

QuikCopper is a hand-mixable, fast-setting, copper-reinforced epoxy putty that quickly repairs pipes, tanks and vessels made of copper, brass, bronze and other non-ferrous metals. After mixing, it forms a polymer compound that is extremely tough and durable and offers exceptional adhesion. Each handy stick contains pre-measured portions of activator and base throughout — no measuring or mixing tools are necessary. The consistency (like modeling clay) eliminates drips and runs, facilitates adhesion to the substrate, and allows the material to be shaped as needed before curing begins. After 60 minutes the application can be drilled, sawed, sanded, and painted. Household hot water pipes and vessels can be restored to service after 1 hour. Cured QuikCopper has the same appearance and texture of metal. Suitable for interior or exterior use, it is resistant to water, chemicals, and temperature extremes. It contains no VOCs or solvents. It's non-flammable and releases no noxious fumes. It won't shrink or pull away. The unused portion stays fresh for future use when saved in its original package.

## Performance Data\*

<b>SHELF LIFE AT 75°F (24°C)</b>	<b>24 months minimum</b>
<b>SHORE D HARDNESS AT FULL CURE (24 hrs)</b>	<b>80</b>
<b>LAP SHEAR TENSILE STRENGTH</b>	
<b>On steel (1" x 1" x 1/16")</b>	<b>650 lbs (4.5 MPa)</b>
<b>On copper (1" x 1" x 1/16")</b>	<b>700 lbs (4.8 MPa)</b>
<b>COMPRESSIVE STRENGTH</b>	<b>8,000 psi (55 MPa)</b>
<b>DENSITY</b>	<b>15.8 lb/gal, 1.9 gm/cm<sup>3</sup></b>
<b>SHRINKAGE</b>	<b>&lt;1%</b>
<b>NON-VOLATILE CONTENT</b>	<b>100%</b>
<b>ELECTRICAL RESISTANCE</b>	<b>30,000 megohms-cm</b>
<b>DIELECTRIC STRENGTH</b>	<b>300 volts/mil</b>
<b>TEMPERATURE LIMITS</b>	
<b>Continuous</b>	<b>-40° to 250°F (-40° to 121°C)</b>
<b>Intermittent</b>	<b>-40° to 300°F (-40° to 149°C)</b>

### CHEMICAL RESISTANCE

Resistant to hydrocarbons, ketones, alcohols, esters, halocarbons, aqueous salt solutions and dilute acids and bases.

### NOT INTENDED FOR STRUCTURAL APPLICATIONS

\*Not to be used for specification purposes.

## Applicable Standards



Certified by NSF International to NSF/ANSI Standard 61 for drinking water contact.

Labeling conforms to ASTM D-4236.

## Availability

QuikCopper is one in a family of Specialty Epoxy Putties originated and manufactured by Polymeric Systems, Inc. Also look for QuikAluminum®, QuikPlastik®, RepairitQuik®, FastSteel®, AquaMend®, InstaCrete®, QuikWood®, and QuikTitanium®. Our epoxy putties give you the ability to fix just about anything.

## Packaging Options

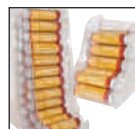
QuikCopper is available in 3.5" (2 oz) and 7" (4 oz) lengths. Individually packaged in a reusable clear plastic tube with trilingual (English, Spanish, French) instructions and plastic friction top. The display carton holds 12 or 24 - 3.5" sticks or 12 - 7" sticks (packed 2 display cartons per master carton), or bulk-packed 24 sticks per shipper carton. Display cartons are also sold separately for refillable, point-of-purchase display. 3.5" sticks are also available in blister packs (12 per carton); printer minimum applies. Contact Sales for acrylic display rack supplier information.



Pop-Up Cardboard Display Carton



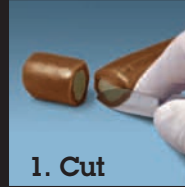
Blister Packs



Acrylic Display Racks

## How To Use

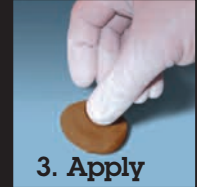
Before applying, roughen and clean the area to be repaired. Wear impervious gloves when mixing or handling uncured QuikCopper. Then follow these easy steps.



1. Cut



2. Mix



3. Apply

- Cut** or twist off required amount.
- Mix** by kneading with gloved fingers to a uniform color. If mixing is difficult, warm QuikCopper to room temperature or slightly above.
- Apply** to surface to be repaired within 2 minutes of mixing. Force into any cracks or holes, and extend the patch at least one-half inch beyond the area being repaired.

Mixed Color  
COPPER

*When applying to a damp, wet or slowly leaking area, work the mixed material forcefully into the surface and apply pressure until adhesion begins to take effect.*

**For best results:** Use damp fingers for easier mixing, application, and a smooth appearance of the cured compound. Remove excess material before hardening begins.

**Curing:** QuikCopper has a 3- to 5-minute work life. Functional cure occurs within 60 minutes.

**WARNING** • Contains Epoxy Resin and Tri (dimethylaminomethyl) phenol. Skin and eye irritant/sensitizer. Direct product contact may cause allergic reaction in some individuals. Wear impervious gloves when mixing or handling uncured product. Avoid contact with eyes. • Inhalation of dust may be harmful; wear dust mask and protective eyewear when sanding cured product. • Ingestion of product may be harmful. • KEEP OUT OF REACH OF CHILDREN. • See product insert or SDS for additional information.

Polymeric Systems, Inc., is a part of Whitford Worldwide. For more information, please contact Polymeric Systems or Whitford Ltd. at:

Polymeric Systems, Inc.  
47 Park Avenue  
Elverson, PA 19520  
888-EPOXY FIX (888-376-9934)  
Tel: +[1] (610) 286-2500  
Email: sales@polymericsystems.com  
Website: polymericsystems.com

In the EU contact:  
Whitford Ltd.  
11 Stuart Road, Manor Park  
Runcorn, Cheshire, UK WA7 1TH  
Tel: +[44] (0) 1928 571000  
Email: salesuk@whitfordww.com  
Website: whitfordww.com

NON-WARRANTY: ALL RECOMMENDATIONS, STATEMENTS AND TECHNICAL DATA CONTAINED HEREIN ARE BASED ON TESTS WE BELIEVE TO BE RELIABLE AND CORRECT, BUT ACCURACY AND COMPLETENESS OF SAID TESTS ARE NOT GUARANTEED AND ARE NOT TO BE CONSTRUED AS A WARRANTY, EITHER EXPRESS OR IMPLIED. USER SHALL RELY ON HIS OWN INFORMATION AND TESTS TO DETERMINE SUITABILITY OF THE PRODUCT FOR THE INTENDED USE, AND USER ASSUMES ALL RISK AND LIABILITY RESULTING FROM THIS USE OF THE PRODUCT. MANUFACTURER'S SOLE RESPONSIBILITY SHALL BE TO REPLACE THAT PORTION OF THE PRODUCT OF THE MANUFACTURER THAT PROVES TO BE DEFECTIVE. MANUFACTURER SHALL NOT BE LIABLE TO THE BUYER OR ANY THIRD PARTY FOR INJURY, LOSS OR DAMAGE DIRECTLY OR INDIRECTLY RESULTING FROM USE OF, OR INABILITY TO USE, THE PRODUCT. RECOMMENDATIONS OR STATEMENTS OTHER THAN THOSE CONTAINED IN A WRITTEN AGREEMENT SIGNED BY AN OFFICER OF THE MANUFACTURER SHALL NOT BE BINDING UPON THE MANUFACTURER.