

## QUIKTITANIUM II

### PRODUCT NAME:

### QUICKTITANIUM II EPOXY PUTTY STICK

#### PRODUCT DESCRIPTION

QuikTitanium II is a hand kneadable, fast curing epoxy putty that mixes in just one minute to provide fast repairs to many surfaces including metals, wood, glass, concrete, ceramics, and numerous plastics. One hour after mixing, QuikTitanium II can be drilled, sawed, sanded, filed, tapped, machined or painted. It comes in a handy four-ounce concentric epoxy putty form with the curing agent encapsulated in the contrasting color base material. The putty-like consistency eliminates drips and runs, providing "no-mess" application with no tools required for use. QuikTitanium II is formulated to withstand temperatures of up to 500° F for short durations.

#### BASIC USES

After proper mixing, QuikTitanium II can be used in 1,001 household and industrial purposes including repair and replacement of wall tile, floor tile and cove moldings; electrical use in place of tape; ceramic or plastic connectors; knobs; auto repairs such as bonding of trim; repairing small dents, oil pans and small parts; filling rust holes and thread locking. It seals leaks in gutters and downspouts; mends toys, appliances, lawn mowers, sports equipment, etc.; patches chipped concrete, floors, bricks, blocks; attaches fixtures, machine tags, signs; anchor bolts, screws, rods, machines, housings, etc.

#### PACKAGING

Packed in a reusable clear plastic tube with a plastic friction top. 12 tubes to a display carton; two display cartons in a master carton.

#### APPLICATION

**Surface Preparation:** In order to achieve optimum adhesion, surfaces should be clean and free of grease and dirt. Scuffing or sanding the surface prior to cleaning helps ensure a good bond.

**Mixing:** Twist or cut off required amount. To mix, knead with fingers to a

uniform color. If mixing is difficult, warm QuikTitanium II to room temperature or slightly above. Apply to the surface to be repaired within 2 minutes of mixing. Force into any cracks or holes to be filled and strike off excess material, preferably with a tool wetted with clean water. When applying to a damp, wet substrate, work the material forcefully into the surface and apply pressure until adhesion begins to take effect. For a smooth appearance of the cured compound, hand rub with water or a damp cloth prior to hardening. Remove excess material before hardening.

#### TECHNICAL DATA: Refer to table below for typical properties.\*

\*For information only - not for specification purposes.

PERFORMANCE PROPERTIES	RESULTS	TEST METHOD
<b>As Received:</b>		
Form	Two-part putty	
Work Life, minutes	8 - 11	
Color	Brown/White	
Specific Gravity, gms/ml	0.90	
Shelf Stability @ 24° C, months (min.)	12	
Hardness, Shore D (1 hr. @ 75° F)	50	
Hardness, Shore D (24 hrs. @ 75° F)	50	
Lapshear Tensile Strength @ 75° F (psi)		
On steel, 1 hr.	850	ASTM D 1022
On steel, 24 hrs.	1,000	
On aluminum, 1 hr.	560	
On aluminum, 24 hrs.	750	
High Temp Lapshear Strength (St-Stil), tested		
Cured @ 75° F + 500° F for 24 hrs.	678	
Cured @ 75° F + 500° F for 1 wk.	438	
Cured @ 75° F + 500° F for 2 wks.	125	
Shore D Hardness, tested @ 75° F		
After 1 wk. @ 500° F	50	
After 2 wks. @ 500° F	50	
Compressive Strength, psi	8,000	ASTM D 695
Shrinkage, %	0.0	
Non-Volatile Content, %	100	
Electrical Resistance, megohms	30,000	ASTM D 257
Dielectric Strength, volts/mil	300	ASTM D 149
Upper Temperature Limit		
Continuous, °F	250	
Intermittent, °F	500	
Chemical Resistance	Resistant to hydrocarbons, ketones, alcohols, esters, halocarbons, aqueous salt solutions, and dilute acids and bases.	

begins. After 15-20 minutes the epoxy will begin to form a tenacious bond. After just 60 minutes QuikTitanium II can be drilled, tapped, sanded or painted.

#### **WARNING**

1. Eye irritant. In case of eye contact, flush with water. Contact physician.
2. May be harmful if swallowed.
3. Keep out of reach of children.
4. May not be suitable for structural applications
5. When sanding or cutting cured epoxy or substrate, use protective eyewear and dust mask.

#### **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 expressed 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.