



# KNEAD WATER EPOXY STICK

## KNEAD WATER EPOXY STICKS

- **PRODUCTE NAME :**
- **KNEAD WATER EPOXY STICK**

Two components adhesive for all purpose fixing and repairing. This Underwater repair Epoxy Putty Stick is a hand-kneadable, fast-setting, permanent repairs to many surfaces including concrete, ceramics, metals, wood, and metal.

## APPLICATION OF

- ✓ Form knobs, pulls and missing parts.
- ✓ Attach fixtures, machine tags and signs.
- ✓ Patch leaks and fill cracks.
- ✓ Repair loose or cracked wall or floor tiles.
- ✓ Fix broken pottery and ceramics.
- ✓ Form custom gaskets.
- ✓ Bond loose auto trim and repair small dents.
- ✓ Fill rust holes.
- ✓ Thread-lock compound for pipes and fasteners.
- ✓ Seal leaks in gutters and downspouts.
- ✓ Anchor bolts, rods, machines, housings, etc.
- ✓ Patch chipped concrete, floors, bricks and blocks.

## ADVANTAGES

- ✓ No tools required for use.
- ✓ Resist to heat, oil and solvents.
- ✓ One hour after application can be drilled, sawed, sanded, filed, tapped, machined or painted.
- ✓ Low odor.
- ✓ No sticky with finger during kneading



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## TEST REPORT

Test Item	Test Method	Test Result
Shear Strength (kgf/cm <sup>2</sup> )	Refer to ASTM D1002-10	41.3
Compressive Yield Strength (kgf/cm <sup>2</sup> )	ASTM D695-10	685
Hardness (Type D/1 sec)	ASTM D2240-05 (2010)	83
Gel Time (min)	Refer to ASTM D2471-99	20

\*\*\* For information only - not for specification purposes. \*\*\*

## PRODUCT DATA

Aqua-Purpose epoxy putty sticks	
Part A	Green
Part B	White
Mixed color	White

## STORAGE CONDITION & SHELF-LIFE

- 24 months from date of production if stored properly in original unopened, sealed and undamaged packaging in cool and dry conditions at temperatures between +5°C and +25°C.
- Protect from direct sunlight.



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## TECHNICAL DATA

Application Properties	Results	Test Method
Work Life, minutes	3-6	-
Shelf Stability @75°F months (minimum)	24	-
Hardness, Shore D (full cure, 24 hours)	75-85	ASTM D-2240
Lap Shear Tensile Strength On steel (1" x 1" x 1/16"), lbs (full cure, 24 hours)	800-1000	ASTM D-1002
Compressive Strength, lbs/in <sup>2</sup>	6650 - 12,000	ASTM D-695
Shrinkage, %	< 1	ASTM D-2566
Non-Volatile Content, %	100	-
Electrical Resistance, megohms	30,000	ASTM D-257
Dielectric Strength, volts/mil	300	ASTM D-149
Temperature Limitations, °F		
Continuous	250	-
Intermittent	300	-



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## APPLICATION INSTRUCTIONS



**Step1:**  
Cut off required amount.



**Step2:**  
Mix to uniform color  
with gloved fingers.



**Step3:**  
Apply to repair surface  
within 5 minutes.

## HEALTH AND SAFETY INFORMATION

- For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.