



KNEAD STEEL EPOXY PUTTY

TECHNICAL DATA SHEET

KNEAD STEEL EPOXY PUTTY

➤ PRUDUCTE NAME :

➤ KNEAD STEEL EPOXY PUTTY

Two components adhesive for all purpose fixing and repairing. This metal repair epoxy putty is a hand-kneadable, fast-setting, industrial-strength, steel-reinforced polymer compound for permanent repairs to anything made of steel or other metals.

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
- ✓ NSF Standard 61 for use in contact with drinking water.
- ✓ High temperature resistance (up to 500°F , Intermittent)



KNEAD STEEL EPOXY PUTTY

TECHNICAL DATA SHEET

TEST REPORT

Test Item	Test Method	Test Result
Shear Strength (kgf/cm ²)	Refer to ASTM D1002-10	33.7
Compressive Yield Strength (kgf/cm ²)	ASTM D695-10	547
Hardness (Type D/1 sec)	ASTM D2240-05 (2010)	84
Gel Time (min)	Refer to ASTM D2471-99	20

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

PRODUCT DATA

Steel-Purpose epoxy putty sticks	
Part A	Gray
Part B	Black
Mixed color	Dark Gray, Nearly steel color

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.



KNEAD STEEL EPOXY PUTTY

TECHNICAL DATA SHEET

PACKAGE

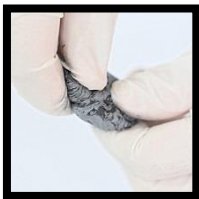
Size	Length (CM)	Item Code	Box Q'ty (with tube)	Case Q'ty	Box Q'ty (with blister card)	Case Q'ty
9g x 2	1.5	902-o-1.5	Special package for customization			
16g	2.5	902-o-2.5	48	288	12	144
50g	8	902-o-6	24	144	12	144
57g	9	902-o-9	24	144	12	144
114g	18	902-o-18	12	96	12	96
o is the product code for different type 0-Multi / 1-Aqua / 2-Steel / 3-Wood / 4-Copper / 5-Stone / 6-Aluminum / 7- Titanium						
Pallet Package						
12 pcs per box, and 12 boxes per carton (with blister card)						
Pallet: at least 27 cartons with 3888 pcs						

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 ²	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	500	-

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.