

QUIKSTEEL EPOXY PUTTY

Steel Reinforced Epoxy Putty · Blue Magic · Supplied by Project Sales Corp

4 oz (113.6g) Stick

Box of 12 · NSF/ANSI 61 Certified

Storage life: 3 years

PRODUCT OVERVIEW

QuikSteel is a steel-reinforced epoxy putty from **Blue Magic (USA)**. Sets in 5 minutes, steel hard in 15 minutes, and fully cured in one hour — ready to drill, sand, tap, machine, and paint. With a tensile strength of **6,200 PSI** and Shore D-87 hardness, it is one of the hardest materials next to steel itself. Cures underwater and in all atmospheric conditions. Stays pliable before use and does not crack or flake in storage. Carries **NSF/ANSI 61 certification** for potable water applications. Available from **Project Sales Corp, India**.

KEY FEATURES & BENEFITS

6,200 PSI Tensile Strength

Tensile strength of 6,200 PSI and shear strength of 740 PSI — almost twice as strong as pine timber. Shore hardness D-87, the highest rating level.

5 Min Set / 1 Hr Full Cure

Sets in 5 minutes, steel hard in 15 minutes. Fully cured in one hour — ready to drill, tap, mill, sand, prime, and paint. Longer cure time in cold or underwater.

Cures Underwater

Cures in all atmospheric conditions including underwater. Seals leaks inside tanks and containers with liquid still present — no need to empty before repair.

Seals Active Leaks

Will seal a leaking fuel tank, oil pan, or container while drainage is still occurring — no need to stop the leak or empty the container before applying.

Withstands 260°C / 500°F

Maintains all mechanical properties at temperatures in excess of 260°C (500°F) — suitable for exhaust systems, engines, and high-heat repairs.

Chemical Resistant & NSF 61

Impervious to most chemicals including battery acids. NSF/ANSI 61 certified for potable water contact — drinking water pipes, tanks, and dispensing components.

TYPICAL APPLICATIONS

Petrol & diesel fuel tanks

Water tanks

Exhaust systems

Engine & sump repairs

Plumbing & pipes

Swimming pools

Boats & marine

Trucks & automobiles

Farm machinery

Industrial equipment

Potable water systems

Camping & home repairs

APPLICATION PROCEDURE

- 1 Cut the required amount from the stick. Ensure surfaces are clean and dry where possible.
- 2 **Knead thoroughly** until the two components (inner and outer) are fully blended to a uniform colour with no streaks — typically 1-2 minutes.
- 3 Apply to the repair area and shape as required. **Initial set in 5 minutes** — work quickly. Sets steel hard in 15 minutes.
- 4 Allow **1 hour full cure** before drilling, tapping, machining, sanding, or painting. Cure time is longer in cold conditions or when used underwater.



CURE TIMELINE

5 min

INITIAL SET
Workable time

15 min

STEEL HARD
Firm bond

1 hr

FULL CURE
Drill · tap · paint

TECHNICAL DATA

Part Number	6004
Size	4 oz (113.6g) stick
Pack	Box of 12
Tensile Strength	6,200 PSI
Shear Strength	740 PSI
Hardness (Shore)	D-87
Max. Temperature	260°C / 500°F
Set Time	5 minutes
Steel Hard	15 minutes
Full Cure	1 hour
NSF/ANSI 61	Certified
Storage Life	3 years minimum
Cures Underwater	Yes
Chemical Resistance	Most chemicals

✓ NSF / ANSI 61 CERTIFIED

World-wide approval for use with potable water. Safe for repair of drinking water pipes, holding tanks and dispensing components.

SUPPLIED BY



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QUIKSTEEL EPOXY PUTTY

Strength Data, Applications & Distributor Contact · Blue Magic · Part 6004

PART 6004

6,200 PSI Tensile

NSF/ANSI 61 · 260°C / 500°F

1 COMPLETE TECHNICAL DATA

PARAMETER	VALUE
Product Name	QuikSteel Steel Reinforced Epoxy Putty
Part Number	6004
Size per stick	4 oz (113.6 grams)
Pack quantity	Box of 12 sticks
Tensile Strength	6,200 PSI (6,200 lbs per sq. inch)
Shear Strength	740 PSI (740 lbs per sq. inch)
Hardness (Shore)	D-87 (highest Shore rating level)
Max. Temperature	260°C / 500°F (and above)
Set Time (workable)	5 minutes
Steel Hard Time	15 minutes
Full Cure Time	1 hour (longer in cold / underwater)
Cures Underwater	Yes — all atmospheric conditions
Chemical Resistance	Impervious to most chemicals incl. battery acids
Reinforcement	Steel reinforced epoxy
NSF/ANSI 61	Certified for potable water applications
Storage Life	Minimum 3 years
Pre-use condition	Remains pliable — does not crack or flake

3 HANDLING & SAFETY NOTES

MIXING:	Knead thoroughly until both components are fully blended to a uniform colour. Ensure no streaks remain. Working time is approximately 5 minutes after mixing begins.
SURFACES:	Apply to clean surfaces where possible. QuikSteel can be applied to wet, oily, or submerged surfaces — does not require perfectly dry conditions for most repair applications.
SKIN:	Avoid prolonged skin contact during kneading. Use gloves if sensitive. Wash hands thoroughly with soap and water after use.
EYES:	Avoid eye contact. If contact occurs, flush with plenty of water and seek medical attention.
INGESTION:	Not for internal use. Keep out of reach of children. If swallowed, seek medical attention immediately.
STORAGE:	Store at ambient temperature. Minimum 3-year shelf life. Product remains pliable in storage — does not crack or flake before use.

4 SUPPLIER - INDIA

INDIA · SUPPLIER

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Manufacturer: Blue Magic (USA) · QuikSteel is a registered trademark of Blue Magic. NSF/ANSI 61 certified for potable water contact — safe for repair of drinking water pipes, holding tanks, and dispensing components.