



**Demech
Chemical**

Protect > Prevent > Prolong

TUFF METAL®



***Metal Repair
Products***

WWW.DEMECHCHEMICAL.COM



Demech Chemical

Protect › Prevent › Prolong

About Us



Demech Chemical Products Pvt. Ltd. (DCPPL) is an ISO 9001:2015 certified company, delivering specialized solutions in wear, corrosion, and abrasion-resistant engineering since 1993. Originally established as a joint venture with Fel-Pro, USA, the company has grown into a trusted partner for industries such as Steel, Power, Oil & Gas, and Cement.

DCPPL offers a wide range of products including cold welding compounds, epoxy grouts, high-performance coatings, and maintenance solutions. Backed by the legacy of the DEMECH Group, established in 1969, the company combines in-house R&D, modern manufacturing facilities, and a skilled, experienced team to provide complete, customized solutions – from product design to on-site application. DCPPL is committed to innovation, quality, and customer satisfaction, keeping pace with evolving industrial needs.

WWW.DEMECHCHEMICAL.COM



Demech Chemical

Protect › Prevent › Prolong

TUFF METAL[®] Superior Metal

TUFF METAL[®] Superior Metal is a premium, two-component 100% epoxy system engineered for rebuilding and restoring worn metal components. With excellent machinability and non-rusting properties, it bonds seamlessly to any metal surface.

Key Features:

- Exceptional compressive strength
- High temperature resistance
- Excellent corrosion and chemical resistance
- Outstanding machinability

Recommended Applications:

- Rebuilding worn-out shafts, bearing housings, pump impellers, and valves.
- Repairing engine blocks, gears, pump casings, pipes, and tank roof repairs.



TUFF METAL[®] Metal Magic Steel Stick

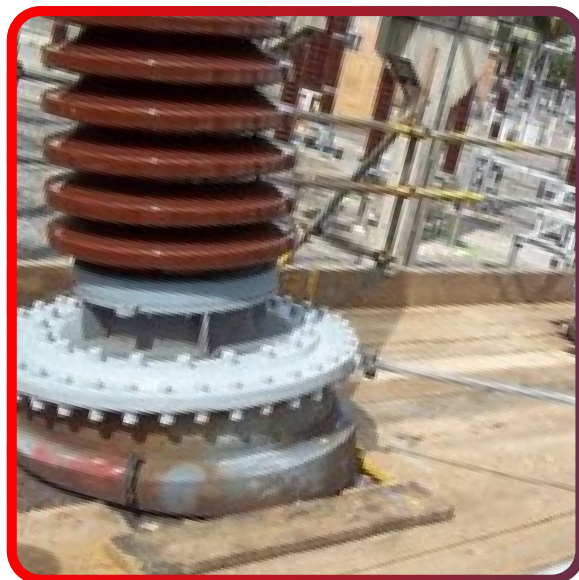
TUFF METAL[®] Metal Magic Steel Stick is a fast-acting, steel-filled, dual-component epoxy putty designed for quick and easy repairs. Just cut, knead, and apply—no mixing required.

Key Features:

- No mixing – ready to use.
- Sets in 10 minutes.
- Excellent adhesion
- Durable metal-like finish.

Recommended Applications:

- Emergency repair of water, gas, and oil leakages
- Repairs on pipelines, tanks, elbows, castings
- Stops SF6 gas leaks and seals neoprene membranes





Demech Chemical

Protect › Prevent › Prolong

TUFF METAL[®] Fast Cure Steel Putty

TUFF METAL[®] Fast Cure Steel Putty is a steel-reinforced, rapid-setting epoxy system that cures to a strong, metal-like finish in minutes. It can be machined, tapped, drilled, or filed.

Key Features:

- Sets in 4 minutes, cures in 10 minutes.
- Ideal for high-pressure emergency repairs.
- Superior bonding on steel surfaces

Recommended Applications:

- Arresting oil, gas, and hydrogen leaks from gearboxes, turbines, and pipelines.
- Emergency sealing of high-pressure systems
- Rebuilding damaged metal components



TUFF METAL[®] Steel Putty

TUFF METAL[®] Steel Putty is a steel-reinforced, two-part epoxy that cures to a durable, machinable metal finish.

Key Features:

- Excellent adhesion
- Machinable, drillable, tappable

Recommended Applications

- Sealing cracked castings, tanks, and vessels
- Fabricating jigs, dies, and models.
- Filling cavities and smoothing welds
- General maintenance and metal repairs





Demech Chemical

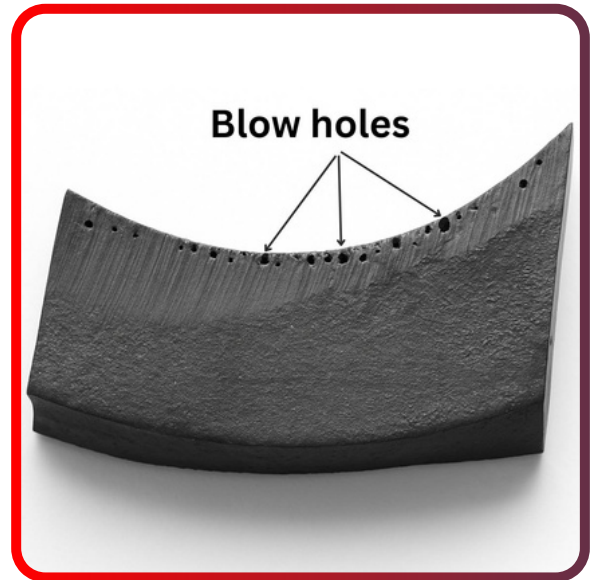
Protect › Prevent › Prolong

TUFF METAL[®] Steel Liquid

TUFF METAL[®] STEEL LIQUID is a pourable, steel-reinforced epoxy designed for casting and void filling. Once cured, it performs like solid steel.

Recommended Applications

- Filling and leveling machinery
- Casting molds and metal parts
- Encasing anchor bolts
- Repairing castings, pipes, elbows, and tanks



TUFF METAL[®] Aluminum Putty/ Liquid

TUFF METAL[®] ALUMINUM PUTTY is a two-part aluminum-filled epoxy ideal for aluminum part restoration or where an aluminum finish is needed.

Recommended Applications

- Repairing aluminum castings.
- Resurfacing worn aluminum areas.
- Fabricating aluminum dies and molds.





Demech Chemical

Protect › Prevent › Prolong

TUFF METAL[®] Wet Surface Repair Putty

TUFF METAL[®] WET SURFACE REPAIR PUTTY is unique epoxy system formulated to bond on wet surfaces—even underwater. It adheres to wood, concrete, steel, aluminum, and some plastics.

Recommended Applications

- Underwater or moisture-exposed equipment repairs.
- Rebuilding submerged surfaces and components.



TUFF METAL[®] Bronze Putty

TUFF METAL[®] BRONZE PUTTY is heavily reinforced with bronze filler, this epoxy is tailored for bronze part restoration or cosmetic finishes.

Recommended Applications

- Repairing bronze impellers, castings, and machinery
- Resurfacing worn bronze parts
- Rebuilding with a bronze-finish look



WWW.DEMECHCHEMICAL.COM



Demech Chemical

Protect › Prevent › Prolong

TUFF METAL[®] Combiwrap Kit

DEMECH Chemical Composite Repair Solutions

Demech Chemical provides engineered composite systems for repairs and new builds of various sizes and complexities.

Key Benefits:

- 100% solids system for corrosion and defect repair
- ASME PCC-2 & ISO/TS 24817 compliant
- Fast, cost-effective solution with minimal downtime
- Strong adhesion to stainless and carbon steel
- High-performance bonding ensures long-term durability
- Restores structural integrity without replacing parts
- Cold-applied and cured at room temperature—no hot work required
- Quick application, rapid return to service
- Solvent-free for improved health and safety.

Recommended Applications

- Corrosion and metal loss.
- Live leaks and through-wall defects.
- Damage to tanks, decks, roofs, floors, and pipe components.
- Structural restoration of corroded or damaged areas.



TUFF METAL[®] Emergency Repair Kit

TUFF METAL[®] EMERGENCY REPAIR KIT compact, all-in-one solution designed for quick industrial fixes.

Available in multiple kit formats: ER Kit, Kit A, Kit B, Kit C.

Recommended Applications:

- Sealing pressurized leaks
- Repairing cracked joints
- Stopping live pinhole leaks
- Fixing dripping pipelines
- Ideal for emergency maintenance tasks



WWW.DEMECHCHEMICAL.COM



Demech Chemical

Protect › Prevent › Prolong

Demech Chemical Products Pvt Ltd

T-77, Bhosari Industrial Estate, Pimpri-Chinchwad,
Maharashtra, 411026

Phone No- +91 2040775500

Email Id- enquiry@demechchemical.com

www.demechchemical.com

