

Product Data Sheet

201 Super Metal Filler Compound

UNIGRIP
DANTECH ELITE COMPOSITES

Description:

UNIGRIP 201 Rapid – Super Metal Filler

Is a quick-hardening, solvent-free, two-component epoxy filler developed for fast repairs and emergency maintenance. Its rapid curing makes it ideal for sealing cracks, stopping leaks, and restoring surface damage across marine, offshore, and industrial applications.

Engineered to deliver metal-like strength and performance, UNIGRIP 201 delivers outstanding adhesion to metallic substrates and epoxy-compatible composites, ensuring strong, reliable repairs. This combination of metal-like performance and exceptional bonding makes it highly effective for restoring corroded, worn, or damaged equipment.

Designed for both temporary and permanent repairs, UNIGRIP 201 minimizes downtime while providing a versatile, easy-to-use solution for in-line fixes in the most demanding environments.

Intended Use:

- Surface Restoration – Rebuilds and restores worn or damaged surfaces back to their original shape and size (ideal for wear, pitting, corrosion, and erosion).
- Material Bonding – Effective for bonding dissimilar materials while eliminating bi-metallic corrosion.
- Typical Applications – Suitable for repairing corroded tanks, pump housings and impellers, valves, tubes, pipes, heat exchangers, flange faces, seats, worn shafts, hydraulic rams, and emergency repairs requiring short curing times.
- Filling Compound – Can also be used as a high-performance gap-filling solution.

Key Features

- Solvent-Free – 100% solid formulation with no shrinkage.
- Non-Conductive – Provides reliable insulation, non-electrically leading.
- Easy to Apply – Simple 1:1 mixing ratio (by weight or volume).
- Fast-Curing – Hardens quickly for emergency repairs, minimizing downtime.
- High Strength – Exceptional mechanical and compressive performance.
- Versatile Bonding – Adheres strongly to metal and epoxy-compatible composites.
- Temperature Resistant – Maintains integrity in high-temperature environments.
- Durable – Excellent resistance to corrosion, chemicals, abrasion, and erosion.
- Water-Tolerant – Engineered to cure in dry, wet, humid, and even underwater conditions.
- Post-Processing Ready – Once cured, can be sanded, machined, drilled, and worked like metal.

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Benefits:

- Enhanced Equipment Longevity – Protects against corrosion, wear, abrasion, heat, and chemical exposure, extending the service life of marine, offshore, and industrial equipment.
- Cost-Effective Maintenance – Reduces repair frequency and downtime, delivering significant savings in time and resources.
- Reliable in Harsh Environments – Proven performance under demanding marine, offshore, and industrial conditions.
- Versatile Application – Suitable for a wide range of surfaces, including tanks, pipes, valves, and machinery components.
- Ease of Use – Simple to apply with minimal preparation, ensuring fast and efficient repairs.
- High Impact Resistance – Maintains strength and durability even under heavy mechanical stress.

Packaging:

UNIGRIP 201 is available in the following size:

- 2.2 lbs unit (1.0 kg unit)

Shelf Life:

UNIGRIP 201 should be stored out of direct sunlight in dry frost free conditions of temperatures between 5°C and 20°C. Under such conditions shelf life will be 36 months from the date of manufacture. One year minimum from date of shipment when stored in original, unopened container in a dry area at temperatures below 75°F (24°C).

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