



MetLar™

(Product Code: MTL 501)

High performance All in one
waterproofing, corrosion protection
and chemical protection system

MetLar™ is a high-performance, all-in-one liquid membrane system engineered to deliver superior waterproofing, corrosion protection, and chemical resistance across a wide range of environments. It forms a seamless, flexible, and durable protective coating that adheres strongly to both concrete and metal substrates.

Designed for applications ranging from general construction to highly aggressive industrial and marine environments, MetLar™ eliminates the need for complex multi-layer coating systems while ensuring long-term protection against water ingress, corrosion, UV exposure, and harsh chemicals. Its single-component, water-based formulation allows easy application by brush, roller, or spray, making it suitable for both professionals and maintenance teams in demanding conditions.

Key Features

- Single-component, ready-to-use system
- Seamless, flexible liquid membrane
- Excellent adhesion to concrete and metal
- High resistance to chemicals, salt, and UV exposure
- Durable performance in harsh and corrosive environments
- Easy application by brush, roller, or spray

Key Benefits

- Provides combined waterproofing and corrosion protection
- Extends service life of structures and assets
- Reduces maintenance frequency and downtime
- Eliminates joints and leakage points
- Simplifies application versus multi-layer systems
- Suitable for both general and industrial applications

Storage

- Store in undamaged, sealed packaging in dry conditions
- Shelf life: up to 24 months
- Keep away from freezing and extreme conditions

Usage / Application

- Surface must be clean, dry, and free from contaminants
- Can be applied using brush, roller, or spray system
- Apply in one or more layers depending on thickness
- Reinforce cracks with fabric if required
- Recommended thickness: minimum ~0.5 mm
- Application temperature: +5°C to +30°C
- Avoid rain within 24 hours after application

Applications

- Coastal, marine, and high-risk industrial infrastructure including ports, harbors, chemical plants, tank farms, warehouses, factories, and corrosive industrial zones
- PEB, steel, and reinforced concrete structures requiring waterproofing, corrosion protection, and long-term durability enhancement
- Roof systems, terraces, balconies, and roof cutouts including drains, ventilation openings, and upstands
- Walls, foundations, basements, and structural joints requiring sealing against water ingress and environmental exposure
- Crack, joint, and gap sealing applications for industrial, commercial, and infrastructure projects
- General waterproofing and protective coating solutions for wet areas, metal surfaces, and exposed structural elements

Colour: Black*

Top Coat Compatibility

Liquid Rubber is compatible to any water-based paint or any type of cementing or tiling work on top of it after min 10 days of application

Limitations

- Must be used with full reinforcement fabric system for optimal performance
- Not suitable as an exposed finish—must be covered with screed, tiles, or protection layer
- Not recommended for direct traffic exposure without protection layer
- Surface must be properly prepared and levelled before application
- Requires correct system build-up (base + fabric + top coat)
- Avoid application during rain or high moisture conditions



Packaging & Self Life

Bucket: 1 Ltr, 5 Ltr, 10 Ltr

Totes: 1000 Ltr The shelf life is 12 months from the date of manufacturing specified on the packaging

Coverage

- General surfaces: approx. 8–12 sq.ft/L per coat
- Heavy-duty applications: 2–3 coats recommended
- Reinforced areas: additional consumption depending on fabric usage
- Final coverage depends on required system thickness (minimum ~0.5 mm)

Warranty

MetLar™ is backed by a manufacturer's warranty covering product quality and performance in waterproofing and corrosion protection applications. When applied in accordance with recommended guidelines, it delivers durable and long-term protection. Warranty is subject to correct surface preparation, system design, and application practices.

Notes

- *Manufacturer Guarantee 100% Product Authenticity
- *Beware of DUPLICATE Liquid Rubber® products
- *Please refer to our website at www.liquidrubberworldwide.com for the most up-to-date Product Data Sheets.
- *All Safety Data Sheets (SDS) are in alignment with the Globally Harmonized System of Classification and Labeling of Chemicals (GHS) requirements.

Caution

Keep out of reach of children. Avoid storage below 5°C and under direct sunlight. Please consult the MSDS before using Liquid Rubber®.

Liquid Rubber® is mildly alkaline. When applying this product observe normal safety precautions, wear gloves, eye protection and other suitable protective equipment. For further information please consult the product MSDS.

Physical Properties (Liquid)

Property	Typical Result
Color	Brown to Black
Specific Gravity	Approx. 1.0
Odour	None
Volatile Organic Compound	Contains no solvents
Solids Content	58% - 60%
Viscosity (Brookfield)	12,000 - 15,000 cps
pH	10 - 12

Performance (Cured Membrane)

Property	Typical Results
Colour	Black
Specific gravity, g/cm ³	Approx. 1.0
Chemical resistance ASTM G 20	Resists salt water and most inorganic solutions
Accelerated Weathering (Xenon arc)	No deterioration of the film
ASTM G 155, 250 hrs	>90% retention of original tensile strength
Tensile Strength ASTM D 412, kPa (psi)	>830 (>120)
Elongation, %	>950%
Recovery ASTM D 412, %	>90%
Adhesion to concrete DeFelsco, kPa (psi)	>900 (>130), cohesive failure
Low temperature mandrel - 10°C	Passed
Hardness, Durometer 00	83 – 85
Hardness, Shore A	18 – 20
Hardness, Shore D	3 – 4

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