



BaseLar™

(Product Code: BSL 101)

Single Component Undercoat Waterproofing Membrane

BaseLar™ is an advanced, single-component waterproofing system specifically developed for underlayer above grade, below-grade positive side applications. It creates a seamless, flexible, and reinforced membrane that effectively prevents water ingress, moisture penetration, and structural damage in concealed and substructure areas.

Engineered for use in podium decks, and terraces under screed or tiles, foundations, basements, BaseLar™ combines excellent adhesion, crack-bridging capability, and resistance to hydrostatic pressure. When used with reinforcement fabric, it forms a robust waterproofing system capable of handling structural movement and long-term load conditions. Its water-based formulation ensures safe, easy application without the need for heating or complex equipment, making it an efficient alternative to traditional sheet and bitumen-based systems.

Key Features

- Single-component, water-based waterproofing system
- Seamless, flexible, crack-bridging membrane
- Compatible with reinforcement fabric system
- Strong adhesion to concrete and masonry
- Resistant to hydrostatic pressure and moisture ingress
- Easy application by brush or roller

Key Benefits

- Prevents water ingress in substructures and concealed areas
- Ensures long-term damp-proofing and durability
- Handles structural movement and load conditions
- Eliminates risks associated with sheet membrane joints
- Reduces maintenance and repair costs
- Safer and easier alternative to bitumen systems

Storage

- Store in tightly closed, undamaged containers
- Keep in a dry place above +5°C
- Shelf life: up to 12 months
- Protect from freezing

Usage / Application

- Surface must be clean, dry, and free from dust, oil, and contaminants

- Apply as a single-component system using brush or roller (positioned as per your brand)
- Recommended to apply in uniform layers for required thickness
- Application temperature: +5°C to +30°C
- Avoid application on wet or frozen surfaces
- Drying time: 24–48 hours depending on conditions

Applications

- Basements, foundations, retaining walls, and underground structures including lift pits, tunnels, and concrete pipes
- Foundation slabs, footings, podium decks, terraces, roof slabs, and balconies
- Parking decks, exposed horizontal surfaces, and under screed/tile waterproofing applications
- Water and wastewater retaining structures for residential, commercial, and industrial projects
- Waterproofing solutions for new construction, renovation, and repair works
- Residential, commercial, and industrial building applications across substructure and superstructure areas

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 reinforcement fabric system for optimal performance
- Not suitable as an exposed finish—requires screed, tiles, or protection layer
- Not recommended for direct UV exposure without protection
- Designed for positive-side waterproofing only (not negative side)
- Do not apply on wet, frozen, or weak substrates
- Requires correct system build-up and uniform thickness
- Not intended for active structural crack repair (cracks must be treated)
- Avoid application below +5°C or during rain

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

- Concrete/masonry surfaces: approx. 8–14 sq.ft/L per coat
- Reinforced system (with fabric): approx. 6–8 sq.ft/L total system
- Below-grade applications: minimum 2 coats recommended
- Additional coats required for high hydrostatic pressure areas
- Coverage may vary depending on surface porosity and roughness

Warranty

Baselar™ is supported by a manufacturer's warranty for below-grade and underlayer waterproofing applications. When applied as a complete system, including reinforcement where required, it ensures reliable long-term protection against water ingress. Warranty is valid only when recommended application procedures, system build-up, and surface preparation are followed.

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	60% - 63%
Viscosity (sec)	20-25
pH	10 - 12

Performance (Cured Membrane)

Property	Typical Results
Colour	Black
Specific gravity, g/cm ³	Approx. 1.0
Chemical resistance	Resists salt water and most inorganic solutions
Biological resistance ASTM E154, ASTM D412	Passed
Impact Resistance CGSB 37-GP-56 @ 23°C	Passed (168)
Water tightness after impact	Passed (no leakage)
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, %	>850%
Recovery ASTM D412, %	90%
Hardness, Durometer 00	85
Hardness, Shore A	20
Hardness, Shore D	4
Adhesion to concrete DeFelsco, kPa (psi)	>1240 (>180)
Adhesion to concrete ASTM C836, N/m (lb/in)	303 (17)
Puncture resistance CGSB 37-GP-56	Passed (no punctures)
Sag flow	None
Blistering ASTM D 714, 1000 hrs exposure	None
Abrasion resistance ASTM F 1677	Good – very good
Water vapor permeance ASTM E 96, ng/Pa·s·m ² (gr/hr·ft ²)	4.99 (0.25)
Permeability ASTM E 96, ng/m·Pa·s	0.071
Air permeance ASTM E 2178, L/s·m ²	0.0004
Permeability methane ASTM D1434-82, cm ³ /sec/atm	1.88 × 10 ⁻⁸
Thermal resistance ASTM C518-04 (2.66/ply)	0.028
UL fire ratings (ballasted)	Class A

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