



## ZavLar® (HighBuild S-200)

### Universal All in One Waterproofing

ZavLar® (HighBuild S-200) is a DIY-friendly, water-based liquid rubber mastic—one of the world's most popular and robust all-purpose waterproofing solutions.

It creates a seamless, flexible, and durable protective membrane for long-lasting performance in any environment.

### A Unique Environmentally Safe Alternative

ZavLar® S-200 replaces conventional general-purpose waterproofing systems with a universal, easy-to-apply liquid membrane suitable for a wide range of surfaces.

### Unmatched Multi-Application Ability

ZavLar® S-200 offers unmatched versatility with its easy, single-component application that can be applied by brush, roller, or spray across a wide range of surfaces. Its liquid form allows it to seamlessly adapt to complex shapes, joints, and penetrations, making it ideal for both DIY users and professionals. It eliminates the need for multiple products by acting as a universal solution for waterproofing, air barrier, and corrosion protection in one system.

### Key Features

- Single-component, ready-to-use liquid membrane
- Water-based, VOC-free, and eco-friendly
- Excellent adhesion to multiple substrates
- High flexibility with crack-bridging ability
- Seamless, joint-free coating
- UV, weather, and chemical resistant
- Easy application by brush, roller, or spray

### Key Benefits

- Universal solution for waterproofing, air barrier, and corrosion protection
- Reduces application time and labor cost
- Eliminates leakage points due to seamless finish
- Suitable for both DIY users and professionals
- Long-lasting performance in varied environments
- Minimizes maintenance and repair frequency

### Storage

- Store in tightly closed containers when not in use
- Keep in a dry place above +5°C
- Protect from freezing
- Keep away from children and direct exposure conditions

### Usage / Application

- Surface must be clean, dry, and free from dust, grease, and oil
- Do not apply below +5°C or before rain within 24 hours
- Apply using brush, roller, squeegee, or spray
- Apply in multiple thin coats for required thickness
- Use reinforcement fabric for cracks and joints
- Typical curing: ~48 hours depending on conditions

### Applications

- Roofs, terraces, and balconies
- Walls, foundations, and upstands
- Roof drains and ventilation openings
- Sealing cracks, joints, and gaps
- Metal surfaces and corrosion protection
- Wet areas and general waterproofing projects

**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

- Should not be applied on wet, frozen, or contaminated surfaces
- Avoid application during rain or when rain is expected within 24 hours
- Not suitable for continuous immersion conditions without system design
- Requires proper thickness and multiple coats for full performance
- Not designed as a decorative or aesthetic finish
- Application temperature must be above +5°C

### 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 surfaces: 9–12 sq.ft/L
- Metal surfaces: 12–15 sq.ft/L
- With reinforcement (joints/cracks): ~17–20 rft/L
- Recommended application: 2–3 coats depending on surface condition



## Warranty

Zavlar® S-200 is backed by a manufacturer's warranty, ensuring consistent quality and reliable performance when applied as per recommended guidelines. The product is guaranteed to be free from manufacturing defects and delivers long-term waterproofing and protection under normal usage conditions. Warranty applies only when proper surface preparation, application method, and system thickness are followed.

## Notes

- Manufacturer Guarantee 100% Product Authenticity
- Beware of DUPLICATE Liquid Rubber® products
- Please refer to our website at [www.liquidrubberworldwide.com](http://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 <sup>3</sup>	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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