



TECHNICAL DATA SHEET

LIQUID RUBBER BASE (LRB)

PRODUCT DESCRIPTION

Sanitred's LRB is a single component, high solids, water inducted, low VOC environmentally safe, liquid applied, hybrid polyurethane protective membrane. LRB is a low odor and solvent free waterproofing membrane that can be used either indoors or outdoors. LRB will bond permanently to properly prepared and PermaFlex primed substrates such as concrete, wood, aluminum, steel, and some plastics, as well as most all other standard building materials. LRB will not blister, crack, peel, or delaminate from exposure to extremes of ambient heat or cold as low as -45F. It will also withstand hydrostatic pressure.

STANDARD COLORS: White
REVISION DATE: December 19, 2025

CURE SCHEDULE (75°)

- POT LIFE (1.5 GAL VOLUME):** 4-30 min.
- TACK FREE (DRY TO TOUCH):** 4-8 hours (with catalyst)
- RECOAT OR TOPCOAT:** 1-24 hours
- LIGHT FOOT TRAFFIC:** 4-8 hours (with catalyst)
- FULL CURE:** 28 days

COVERAGE

Recommended for crack repair and filling, lifetime roof membrane, expansion joints, tank coating and repair, floors, parking decks, adhering tile, waterproofing, protective coating, secondary containment, radon mitigation, swimming pools, boats & marine applications, sea walls.

COVERAGE PER GALLON: 200 sq. ft

MIX RATIO: 15%- 25% water

RECOMMENDED FILM THICKNESS: 6 (+/-2) mils

PACKAGING INFORMATION: Quarts, Gallons, 5 Gallons, 55 Gallon Drums, 250 Gallon Totes

PHYSICAL PROPERTIES

- FLEXURAL STRENGTH:** N/A
- COMPRESSIVE STRENGTH:** N/A
- TENSILE STRENGTH:** 3200psi @ ASTM D638
- ADHESION:** 400pli
- VISCOSITY:** (+/-600) cps
- ABRASION RESISTANCE:** 1000 gram total load and 500 cycles = Nosignificant effects
- ULTIMATE ELONGATION:** 600%
- HARDNESS:** Shore D= 65 (+/-5)
- VOLATILE ORGANIC CONTENT:** 7 lbs/gallon
- SHELF LIFE:** 2 years in unopened containers

CHEMICAL RESISTANCE

REAGENT

Sulfuric Acid 20%

RATING

D

RATING KEY: A-NOT RECOMMENDED, B-CONDITIONAL, C-RECOMMENDED CONDITIONAL, D-RECOMMENDED.
NOTE: EXTENSIVE CHEMICAL RESISTANCE INFORMATION AVAILABLE THROUGH YOUR SALES REPRESENTATIVE.

LIMITATIONS

- 180F working temp. (though tested at 250F and no degradation)
- Not long term resistant to methyl alcohol or ethylene glycol.
- Not long term resistant to strong solvents like Acetone, Xylene or MEK.
- May tear if stretched beyond its ultimate elongation.
- Surface should first be primed with one coat of PermaFlex

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BENEFITS

- Will cure at any thickness in 1 application
- Will cure overnight at 15F
- Highly abrasive resistant
- Can be brushed, rolled, or squeegeed
- High solids, high spread rate
- May be subjected to rain, snow or extreme cold without affecting its curing
- LRB may be subjected to extreme cold during shipping, handling & storage without ill effects
- Bonds to itself, new to old, with proper surface preparation
- Completely waterproof

INSTRUCTIONS

- 1) Premix LRB
- 2) Add 15%- 25% water, mix until water disappears *Optional use: .5 oz catalyst per gal/ 15-25% Xylene or Acetone/ 2 Parts LRB to 1 Part TAV- **LRB CATALYST MUST BE USED IF NOT ADDING TAV**
- 3) Apply to surface using a brush, roller, squeegee, or notched squeegee

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