



TECHNICAL DATA SHEETS

LIQUID RUBBER BASE (LRB)

PRODUCT

Sanitred's LRB is a single component, high solids, water inducted, low VOC environmentally safe, liquid applied, hybrid polyurethane protective membrane. LRB is 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: N/A

CURE SCHEDULE (70°)

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: 220 square feet per gallon

MIX RATIO: 10-25% Water

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

PACKAGING INFORMATION: Quarts, Gallons, 5 Gallons, 53 Gallon Drums, 250 Gallon Totes

PHYSICAL PROPERTIES

FLEXURAL STRENGTH: N/A

COMPRESSIVE STRENGTH: N/A

TENSILE STRENGTH: 3200psi @ ASTM D638

ADHESION: 400pli

VISCOSITY: (+/-600) cpois

ABRASION RESISTANCE: 1000 gram total load and 500 cycles = No significant effects

ULTIMATE ELONGATION: 600%

HARDNESS: Shore D= 65 (+/-5)

VOLATILE ORGANIC CONTENT: 7 lbs/gallon

SHELF LIFE: 1 year in unopened containers

CHEMICAL RESISTANCE

REAGENT	RATING

RATING KEY: A - NOT RECOMMENDED, B - 2 HOUR TERM SPLASH SPILL, C - 8 HOUR TERM SPLASH SPILL, D - 72 HOUR IMMERSION, E - LONG TERM IMMERSION.

NOTE: EXTENSIVE CHEMICAL RESISTANCE INFORMATION IS AVAILABLE THROUGH YOUR SALES REPRESENTATIVE.

ADVANTAGES

Will cure at any thickness in 1 application
Will cure overnight at 15F
Highly abrasive resistant
Can be brushed, rolled, squeegee, or sprayed
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 water proof not "Water Resistant"
Not water based or water soluble

INSTRUCTIONS

PRODUCT MIXING: N/A

SURFACE PREPARATION: Refer to the TCP Training manual and the ICRI standards for proper surface preparation.

CLEANUP: N/A

FLOOR CLEANING: N/A

RESTRICTIONS: N/A

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