

SPECIFICATION DATA

- 1. PRODUCT NAME:** Lifeguard 30 Waterproofing Sealant
- 2. MANUFACTURER:** Lifeguard Waterproofing Products, Inc.,
P.O. Box 25166, Anaheim, CA 92825-5166
(714) 712-7387 FAX (714) 712-7389
- 3. PRODUCT DESCRIPTION:** Basic Use – Lifeguard 30 Waterproofing Sealant can be effectively used on concrete, masonry, block, stucco, brick, aggregate and other products of a porosity that allows penetration.
- Lifeguard 30 Waterproofing Sealant meets Los Angeles Rule 66 and San Francisco Regulation 3.
- Lifeguard 30 Waterproofing Sealant can be used on horizontal, vertical and wear surfaces.

COMPOSITION AND MATERIAL: Lifeguard 30 Waterproofing Sealant is a penetrating, long-lasting waterproofing system consisting primarily of Room Temperature Vulcanizing (RTV) rubber. To establish durability claims for Lifeguard 30, the product was placed in a carbon arc intensive ultraviolet exposure chamber (ASTM G-23) for 2,000 hours. In the expert opinion of an independent test laboratory, this equates to more than 30 years of ultraviolet weathering in the field. The product contains other proprietary ingredients and uses a process that provides the penetrating and bonding characteristics which create an effective one-coat application.

- LIMITATIONS:** Application cannot be on a wet or dirty surface.
- Application must not be undertaken over refrigerated tanks or areas where a vapor barrier coating is required.
- Application must not occur in an interior space where a thermal barrier is required.
- Application must be in accordance with manufacturer's Application and Use Guidelines.

TECHNICAL DATA SPECIFICATION WRITERS:

The following values are not intended for use in preparing specifications. Please contact Lifeguard before writing specifications on this product.

CURED PROPERTIES

a. Perm rate ASTM E96-66	7.26
b. Permeance in contact with liquid water (U.S. Perms)	4.5
	1.9 (grains/hr ft ²)
c. Durometer hardness, Shore A	20-30
d. Tensile strength, psi ASTM 412 (Standard Deviation = 76)	342
e. Elongation, percent ASTM 412 (Standard Deviation = 64)	435
f. Brittle point degrees C	below - 73
degrees F	below - 100
g. Thermal Conductivity (BTU in/hr ft ² °F)	2.3
h. Maximum service temperature, °F	450
i. Linear Coefficient of Thermal Expansion	(inch/inch °F) 0.0007*
j. Freeze/thaw cycles 500+	no change
k. Accelerated weathering ASTM G-23 - 2,000 hours	thereafter no change

*The coefficient of thermal expansion was not determined; this value is a typical value for this type of RTV rubber.

5. INSTALLATION: The company furnishes, at no charge, an INFORMATION MANUAL and APPLICATION GUIDELINES.

PREPARATION: The surface must be clean and dry.

Lifeguard 30 Waterproofing Sealant must be used as it is supplied – with no additives or dilutions.

APPLICATIONS: Application must not take place in inclement weather. All materials which would interfere with the penetration of Lifeguard 30 are required to be removed.

The product container should be vigorously shaken prior to application.

Apply product with an airless sprayer, brush, garden sprayer, roller or by immersion. On vertical surfaces apply product from bottom to top.

Drying time will vary according to temperature and humidity. The drying time can vary significantly from one hour and upward.

Clean applicator equipment immediately after use with mineral spirits or paint thinner. Reseal a partially used container immediately.

6. AVAILABILITY AND COST: Availability– Lifeguard 30 Waterproofing Sealant is available throughout the United States. For the order point nearest you call Lifeguard, Inc. at (714) 712-7387.

Cost – Prices depend on quantity, freight considerations and container size. The product is available in one (1) gallon and five (5) gallon containers.

COVERAGE PER GALLON OF SEALANT

HORIZONTAL SURFACE	SQ. FT.
Concrete – Broom Finish	175-200
Concrete – Steel Trowel (etched)	225-250
Concrete – Older (very porous)	100-125
Pavers – Cement	125-150
Pavers – Brick	125-150
Exposed Aggregate	150-175
Concrete Block	100-125
Split Faced Block	75-100
Natural Stone	150-175
Colored Concrete*	225-250
VERTICAL SURFACE	SQ. FT.
Architectural Precast*	375-400
GFRG	475-500
Form-Finish Concrete	275-300

These are estimates and may vary considerably due to the porosity of the recipient material.

7. WARRANTY: Limited Warranty– Lifeguard Waterproofing Products, Inc. warrants this product to be free from defects in materials and workmanship for a period of thirty (30) years from the date of original purchase. In the event of a defect in materials or manufacture, Lifeguard Waterproofing Products, Inc. will replace the product necessary to reapply the affected area free of charge, or at its option, refund to the purchaser an amount equal to the amount paid for the Lifeguard 30 product for the affected area.

This warranty is expressly in lieu of any other warranties, expressed or implied. Lifeguard Inc. shall not be responsible or liable for incidental or consequential damages. This paragraph is not applicable to consumer transactions where prohibited by law.

This warranty may not be modified or extended by representatives of Lifeguard Waterproofing Products, Inc.

8. MAINTENANCE: Lifeguard 30 Waterproofing Sealant requires no maintenance.

9. TECHNICAL SERVICES: Complete technical services are available from the manufacturer. Services include assistance during design and specification stage, as well as samples of the product.

10. FILING SYSTEMS: Additional product information available upon request from Lifeguard, Inc.