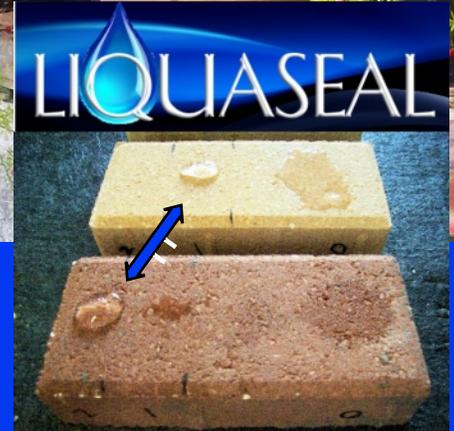
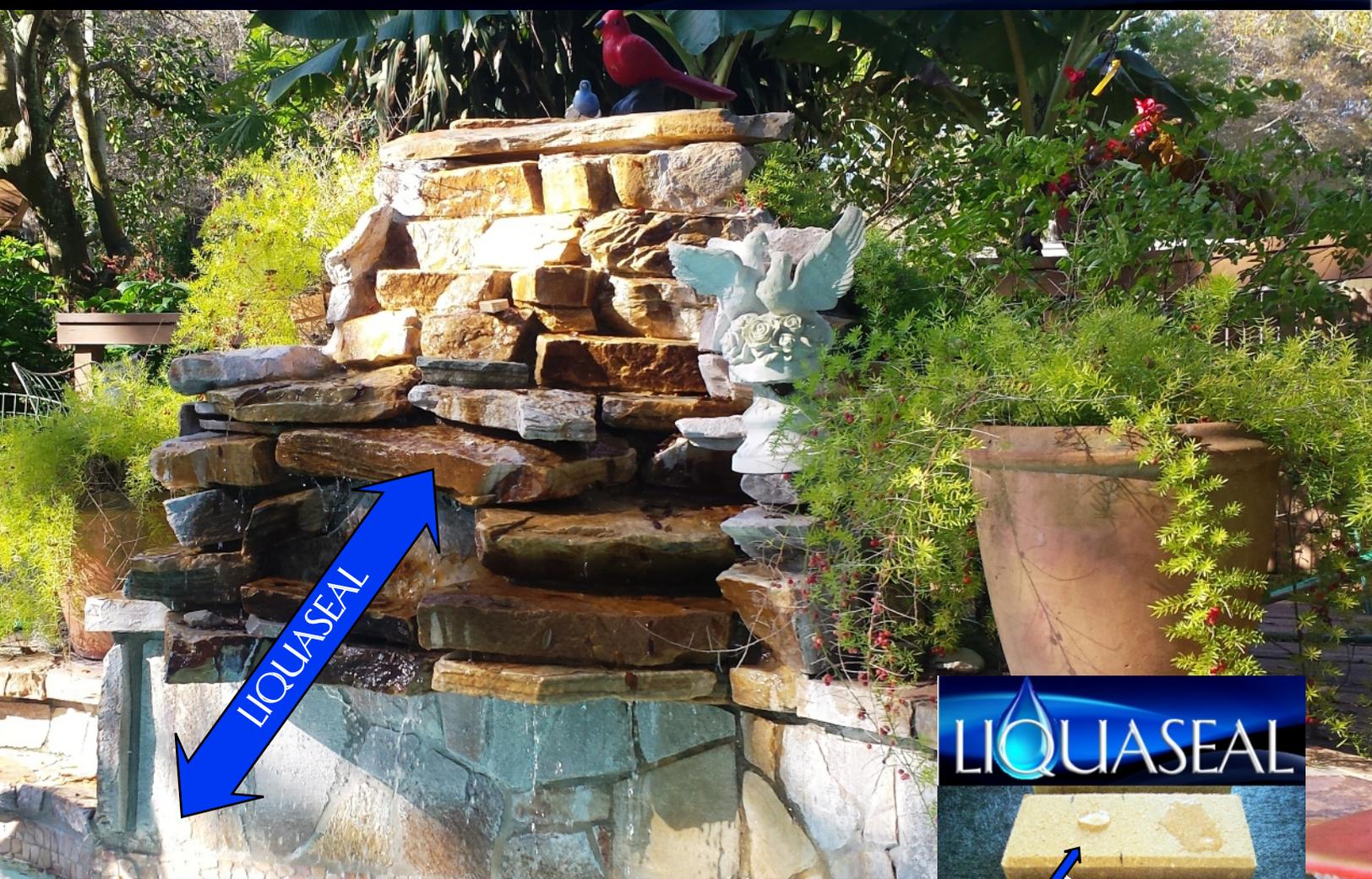


LIQUASEAL



Clearly The Best When It Comes To Clear Permanent Waterproofing

100% Clear RTV Liquid Silicone Rubber - Breathable - Bridges 1/16"
Chemical, Salt & Water Proof - Not affected by UV light - Naturally Cleaned
Will not yellow or fade - Retards mold and mildew growth - Use on any porous surface





TECHNICAL BULLETIN:
LSTD 4-15-2015

ENVIRONMENTALLY SAFE & EFFECTIVE CLEAR WATERPROOFING Solutions

LIQUASEAL TECHNICAL DATA SHEET

1.0 PRODUCT

LIQUASEAL

2.0 MANUFACTURED FOR:

Valcon Industries, LLC 1-866-311-9737
Suite 11, 6321 Porter Road, Sarasota, Florida 34240
Distributed by Valcon Industries

3.0 PRODUCT DESCRIPTION

3.1 PRODUCT USE

Liquaseal waterproofing sealant has been developed to be used on concrete, masonry, stone, wood, stucco, canvas and other porous substrates to prevent water penetration and the damage that it can cause. Liquaseal can be used on horizontal, vertical and wear surfaces.

3.2 COMPOSITION AND MATERIALS

Liquaseal is a penetrating, permanent waterproofing treatment utilizing a specific silicone rubber. This silicone has been tested in actual use for over 45 years and in every type of climate. No deterioration has been shown from ultraviolet rays, salt and salt spray, acid rain, etc. Samples have been exposed to over 100 hours of weatherometer testing with no effect.

3.3 MAINTENANCE

Liquaseal does not require any maintenance and will not yellow or embrittle with age. Simple pressure washing to remove surface dirt is all that is necessary to maintain the natural look provided by the Liquaseal waterproofing product.

4.0 TECHNICAL INFORMATION

4.1 TECHNICAL TEST DATA

CURED PROPERTIES (Solid State)

PHYSICAL PROPERTY	ASTM TEST METHOD	TYPICAL VALUE
Perm Rate	E96-66	7.26
Permanence in contact with water	E96-66	
	U.S. Perms 5.4 grains/hr ft ² in Hg. 1.9	
Elongation	412	
	Elongation (Std. Dev. = 64) Over 300%	
Tensile Strength	412	
	435% (std, Dev. = 76) 342 psi	
Brittle Point	412	
	-73 deg.C less than -100 Deg. F.	
Linear Coefficient Of Thermal Expansion	412	
	(inch/inch/°F 0.0007	

Durometer Hardness

412
Shore A 2030

Thermal Conductivity

412
(BTU in/hr. Ft²) 2.3

Maximum Service Temperature

450 deg. F / 232 deg. C

UNCURED PROPERTIES (liquid state)

Color Translucent

Pourable Weight Per Gallon 9.0 pounds

Flash Point D-93 106 deg. F
41 deg. C

Boiling Point 320-380 deg. F
160-193 deg. C

Vapor Pressure 2.6

Vapor Density (air=1) 4.78

Viscosity 25,000-30,000 cp

Application Temperature Above dew point from 20°F to + 100°F
-29°C to 38°C

4.2 LIQUASEAL Functions

ANTI GRAFFITI

Paint does not readily adhere to Liquaseal and generally can be removed by pressure washing. The Liquaseal 12 is the product use for this application.

4.3 Limitations

Do not apply on wet or dirty surface. Use VALCON's GELTEKK cleaner for surface preparation where dirt or greasy films are present. Use as supplied with no dilution or additives. Container should always be shaken or stirred before use. Protect all adjacent surfaces from over spray or application. Do not apply in inclement weather or within 2-3 hour of impending rain.

5.0 APPLICATION

5.1 LIQUASEAL

1. Shake container
2. Apply with brush roller or spray. On vertical walls apply from the top down flooding the prepared surface.
3. Drying time will change significantly with temperature and humidity.

6.0 FAVORABLE CHARACTERISTICS

Non Yellowing - Flexible -Chemical resistant -Waterproof Simple - Easy To Use

7.0 PACKAGING

Available in 1 gallon cans, 5 gallon pails, 55 gallon drums.

8.0 STORAGE & HANDLING

Shelf life 1 year unopened.



1-866-311-9737

