



Ovation Concrete Countertop Sealer™

TECHNICAL DATA SHEET

Revised 6/1/20

PRODUCT DESCRIPTION:

Ovation Concrete Countertop Sealer is a specially formulated, single component, water-based hybrid polymer. OVATION is satin/semi-gloss, UV stable, and slightly color enhancing. OVATION is a high performance clear sealer that generates the premier balance of strength, flexibility, chemical and scratch resistance as well as ease of use. OVATION is ideally suited for both commercial and residential settings applied upon fireplace surrounds, floor tiles, wall panels, shower panels, and other interior and exterior concrete. It can also be used for concrete countertops in kitchens and bathrooms. OVATION contains no harmful chemicals beyond ammonia and becomes food safe upon curing. It is highly stain resistant to most household chemicals and culinary items up to 1 hour. OVATION can easily be repaired.

CHARACTERISTICS

SOLIDS BY VOLUME: Mixed, undiluted = 25-35%

VOLATILE ORGANIC CONTENT: 95 grams/liter, undiluted

DOT CLASSIFICATIONS: Not regulated

PACKAGING INFORMATION: Available in 16 oz and 64 oz containers

SHELF LIFE: 2 years, undiluted or diluted

APPEARANCE, WET: Milky

APPEARANCE, CURED: Clear satin (48 at 60 degrees @ glossmeter)

PERFORMANCE

CHEMICAL RESISTANCE:

Household Chemicals

Vegetable oil
Crushed berries*
Dish soap (Dawn® dish detergent)
Household bleach (sodium hypochlorite 5%)
Household ammonia
Tap water
Lemon juice

1 hour exposure

No effect
No effect
No effect
No effect
No effect
No damage to sealer or concrete
No damage to sealer or concrete

White vinegar (acetic acid 5%)
Greased Lightning®
Yellow mustard
Red wine
Coffee
Tabasco® Sauce
Isopropyl alcohol (91%)
Acetone

No damage to sealer or concrete
No damage to sealer or concrete
Temporary surface stain
Temporary surface stain
Temporary surface stain
Permanent damage possible
Permanent damage possible
Permanent damage immediately

*blueberries, blackberries, raspberries

Definitions:

Term	Description	Action
No effect	There is no change in appearance or performance.	None needed
No damage to sealer or concrete	Neither the sealer nor the concrete is damaged or stained. Because Ovation is a breathable finish, water might pass through and cause a dark mark due to dampening of the underlying concrete, which will disappear on its own once the concrete dries.	Allow the underlying concrete to dry
Temporary surface stain	The surface of the sealer appears discolored, but the sealer is undamaged, and underlying concrete is unaffected.	Soak the discolored area with bleach
Permanent damage	The sealer is permanently damaged and no longer protects the concrete. The agent which caused the damage to the sealer may or may not cause damage to the underlying concrete as well.	Reseal

ABRASION RESISTANCE: Taber abrasor CS-17 calibrase wheel with 1000 gram total load and 1000 cycles= 60 mg loss.

IMPACT RESISTANCE: Gardner Impact, direct & reverse=160 in lb (passed)

ADHESION: >300 psi @ elcometer (concrete failure, no delamination)

WATER RESISTANCE: Breathable finish. Beads water, pooled water may pass through and temporarily darken underlying concrete.

UV STABILITY: Excellent. Suitable for outdoor use.

HEAT RESISTANCE: Not heat resistant. Use trivets. Do not place hot pots or slow cookers on surface.

APPLICATION

See www.ConcreteCountertopInstitute.com/Ovation written instructions and videos for complete mixing and application instructions.

DO NOT PROCEED WITHOUT READING/WATCHING THE FULL INSTRUCTIONS.

Prepare an adequate amount of test samples prior to application to evaluate appearance and to determine suitability of this product for the intended purposes. Application questions or technical information, contact The Concrete Countertop Institute at 919-275-2121 or info@concretecountertopinstitute.com.

COVERAGE: Each quart (16 oz) diluted covers 500+ square feet per coat @ <1 mil per coat wet thickness. Do not apply >1 mil per coat.

APPLICATION TEMPERATURE AND HUMIDITY: Apply at 60-90 degrees F with relative humidity between 35% and 70%.

MIX RATIO: 2 parts Ovation to 1 part water

PRIMER: Product is its own primer.

COATS: One to four coats recommended.

CURE SCHEDULE: (70°F)

pot life – (150 gram mass).....	2 years
tack free (dry to touch).....	10-20 minutes
recoat.....	30-60 minutes
early water resistance.....	24 hours
install.....	24-48 hours
full cure (heavy use).....	4-7 days

LIMITATIONS

- Air contact may cause the mixed material to skim over if left uncovered.
- Sheen may be affected by high humidity, low temperatures, chemical and heat exposure, film thickness and application method
- For best results use a high quality foam roller.
- Substrate temperature must be 5°F above dew point.
- All new concrete must be cured for at least 2 days.
- Physical properties are typical values and not specifications.
- Slight appearances in gloss may vary from batch to batch, therefore, use only product from the same batch for an entire job.
- Always apply a suitable test to a sample to determine suitability and performance requirements before using.
- See detailed instructions.
- See Disclaimer of Warranties and Limitations on Our Liability.
- **FOR USE ONLY AFTER READING/WATCHING THE COMPLETE INSTRUCTIONS AND SDS.**

CAUTIONS

Read and understand the Safety Data Sheet. Keep out of reach of children. Prolonged skin contact may cause irritation. Do not swallow. Avoid contact of liquid or vapors with eyes.

Response:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. If eye irritation persists, get medical advice/attention.

IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs, get medical advice/attention.

Cleanup and Disposal:

Before OVATION dries, spills can be cleaned up with a solvent such as water or acetone. Do NOT get acetone on surfaces sealed with OVATION. Foam rollers should be cleaned only with water.

Dispose of contents/container to a waste disposal facility in accordance with local, state, federal or international laws.

NOTICE TO BUYER: DISCLAIMER OF WARRANTIES AND LIMITATIONS ON OUR LIABILITY

The manufacturer solely and expressly warrants that its products shall be free from defects in materials and workmanship. THE MANUFACTURER MAKES NO OTHER WARRANTIES, IMPLIED OR OTHERWISE, AS TO THE MERCHANTABILITY OR FITNESS FOR ORDINARY OR PARTICULAR USE OF ITS PRODUCTS. The manufacturer specifically does not warranty performance results. The purchaser should conduct a test prior to application and shall be solely responsible for determining the suitability of products for the purchaser's intended purposes. The manufacturer shall bear no liability, other than the replacement of the defective product. The purchaser shall have no claim for incidental or consequential damages. Acceptance of delivery of our product means that you have accepted the terms of this warranty whether or not purchase orders or other documents state terms that vary from this warranty. No representative is authorized to make any representation or warranty or assume any other liability on our behalf with any sales of our products.