Davlin
Since 1968

Rubber Seal

Provides a waterproof & weatherproof membrane over a multitude of surfaces.

High Performance Waterproof Protection

Rubber Seal is an ultra-tough, super-waterproofing, alkali-resistant, water-based copolymer elastomeric coating ~ "It's like liquid synthetic rubber!" ~ "Sticks like an epoxy coating!

Works Great Over:

- Concrete
- Stucco
- Masonry
- Wood
- Fabrics
- Metal
- Natural Stones
- Foam
- Asphalt
- Mineral Surface Modified Bitumen
- Smooth Surface Modified Bitumen
- Smooth Surface Built-Up Roof
- Mineral Surface Built-Up Roof
- Granulated Asphaltic Surfaces

Recommended Uses:

- Roof Repair + Restoration
- Gutter Repair
- Below Grade
- Foundation Waterproofing
- Fence Post Waterproofing
- Basements
- Anti-Corrosion
- Mobile Home + RV Roof
- Metal Rust

Recommended finish: **Sunshield** (Top Coat) to further boost the reflectance and keep the surface extra clean.

Davlin Coatings LLC
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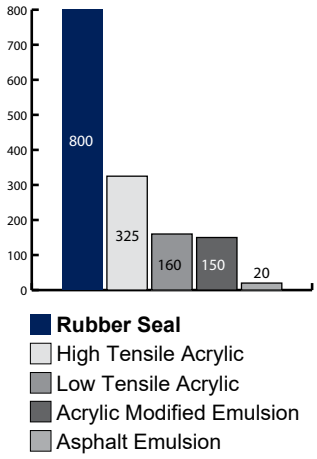
CA 94710 USA
(800) 709-5919
sales@davlincoatings.com
www.davlincoatings.com

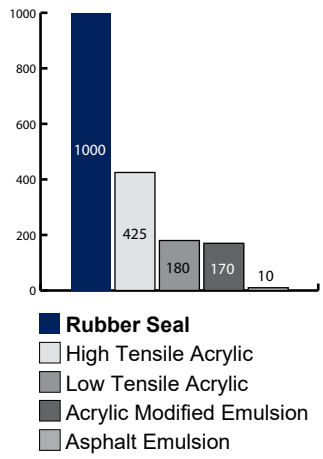
*made in **USA***
*designed by Davlin in **California***

Guaranteed performance: 10 Year Material Warranty

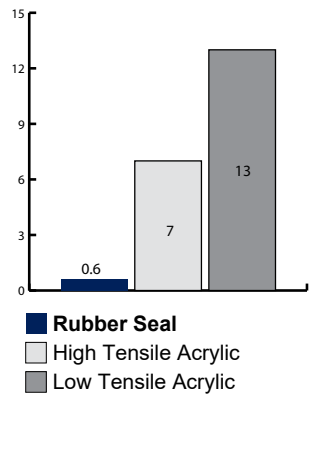
Tensile Strength (psi)



Elongation %



Perm Rate



Save Money

Light Weight—**Install Over Existing Surface**
Restores Existing Roof—**Avoid a Costly Tear-Off**
Blocks UV—**Stops Deterioration**
Cures Fast—**Complete the Job Faster**
More Coverage—**Waterproof at the Lowest Cost**
Considered Maintenance—**Write-Off Coating This Year**

Due to its light weight, Rubber Seal can be applied over existing roofs without having to tear them off. Rubber Seal has better coverage and waterproofs better than the same amount of acrylic or asphalt. During the spray application, Rubber Seal cures quickly, allowing faster job completion.

Extend Waterproofing Life

Tenacious Adhesion—**Sticks Firmly to Substrate**
High Tensile Strength—**Prevents Cracking & Crazing**
Low Perm Rate—**Keeps Liquid Out**
Breathes—**Lets Water Vapor Pass**
Resists Alkali—**Apply in Low-pH Environment**
Resists Acid—**Withstand Acidic Rain**
Resists Salts—**Apply Near the Ocean**

Rubber Seal creates superior waterproofing, forming a vapor barrier at 0.6 perms. This is more than 10 times better than asphalt, and 20 times better than acrylics. Rubber Seal will minimize problems in ponded areas. Also, Rubber Seal has tenacious adhesion to the substrate, and sticks like an epoxy glue. Unlike asphalt coatings, Rubber Seal is UV resistant. It also resists alkali/salt, to extremes of pH of 13, and is highly resistant to acid.

Protect the Environment

Few Anti-microbial Additives—**Keep Runoff Clean**
No Solvents, Low VOC—**Avoid Harmful Fumes**
Non-Toxic—**Preserve Building Health**

Rubber Seal is water-based for easy cleanup and low odor. It contains low VOCs to keep the air healthier for people to breathe. Because of the low perm rate and smooth top coats, Rubber Seal systems require few anti-microbial agents. Also, Davlin products contain NO zinc additives and have a low erosion rate, which contributes to cleaner waste-water in our streams, rivers, lakes, and bays.

Earth Friendly Solutions
for over forty years

Rubber Seal

Rubber Seal is uniquely formulated to waterproof and protect a variety of substrates. Designed as a single-part water based coating with the highest performance in coastal, temperate, humid, hot, and extreme alkaline envi-ronments. Rubber Seal creates a tough, long-lasting protective membrane that remains flexible over time, even under adverse conditions. Its elongation and tensile strength provide unsurpassed resistance to maintenance traffic, weather conditions, and wear. Unlike similar generic coatings, Rubber Seal is formulated to have exceptional adhesion to a variety of substrates. Its proprietary formula features copolymer elastomeric resins to produce a seamless, flexible, durable membrane that displays exceptional weathering ability and good UV resistance.

Caution: If surface and roof temperatures are between 50° - 70°F then Rubber Seal may be applied in 1 thick coat of 24 wet mils at a rate of 1.5 gallons per 100 square feet. Do not attempt to apply Rubber Seal in thick layers when temperatures are above 70°F. This can result in blistering caused by the top layer quickly skinning over, leaving uncured Rubber Seal underneath. Rubber Seal is black and its unique resins allow it to dry faster than gray or white coatings, especially in warm, windy weather. When applying polyester fabric. Be careful to apply coating in small areas at a time to ensure that the coating is still wet enough to embed the sheets. Consult Davlin for special application procedures when the surface or air temperature exceeds 110°F.

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Specifications

Property	Test Method	Result at 75ºF
Tensile Strength	ASTM D2370, 1 in./min.	800 psi
Tensile Elongation	ASTM D2370, 1 in./min.	1000% at break
Moisture Vapor Transmission	ASTM E96, Proc. B, 20 mils DFT	0.6 perms
Adhesion, concrete	ASTM D413	400 psi (substrate failure)
Salt-Spray Resistance	ASTM D1654	No Rusting
Alkali Resistance	Fed. Spec. TT-C-555B, GSA ex.1	No Effect
Heat Stability	Fed. Std. 141 [6051], 160ºF for 10 days	No Viscosity Change
Resistance to Wind-Driven Rain >100 mph	Fed. Spec. TT-C-555B, 4.4.7 min. 95 mph req.	No Weight Gain
Resistance to Ponded Water		No Blisters, No Film Degredation
Service Temperature		32º–200ºF
Volatile Organic Compounds	US EPA Reference Method 24	<50 g/l
Flash Point	SETA	>215ºF
Viscosity (Stormer K.U.)	ASTM D562	95–110 KU
Solids by Volume	ASTM D2597	52% +/- 2
Solids by Weight	ASTM D2369	51% +/- 2
Dry Film Thickness (DFT)		8.5 mils @100 ft²/gal
Recommended System DFT		16-48 mils total
Components		1
Curing Mechanism		Air Dry
Clean Up		Water
Shelf Life		3 years if properly stored
Packaging		1, 5, 55, 275 gal
Availability		Shipped Nationally & Internationally
Drying time to re-coat		4-8 hours dry through @70ºF (21°C)
Application Temperature Air and Surface		45-100ºF, 7-38ºC
Color		Black

Installation: Remove all contaminants and loose material, such as dust, dirt, oil, silicone, release agents, wax, mildew, salt deposits, heavy oxidation, and chalky or loose coating. Check the entire roof surface and thoroughly powerwash it. Do not apply at temperatures below 45°F nor during—nor 24 hours preceding—inclement weather, including rain, fog, mist, or freezing temperatures. PROTECT FROM FREEZING DURING SHIPMENT AND STORAGE. Do not store material at temperatures below 50°F. Flush all equipment with water before use. Stir Rubbber Seal thoroughly until uniformly blended, but avoid excessive mixing to prevent air entrapment.

Spray & Roller Application: Apply a wet coat in even, parallel passes, overlapping each pass 50% to avoid holidays, bare areas, and pinholes. Cross-roll or spray at a right angle to the first pass. Porous concrete will require more than one pass. On rough surfaces, back roll the first coat to ensure that coating is pushed deep into surface.

Apply 1 coat of Rubber Seal at 1 gallon per 100 square feet, dry film thickness of 8.5 mils. Allow 4-8 hours to dry. Use Rule-of-Thumb test prior to installing the next coat: when one's thumb is pressed firmly to the coating, none of the coating will adhere to the thumb. Apply second, third, and fourth coats, per system specification. For additional durability, roofing granules may be broadcast into the final coating application at the rate of 35-40 lbs per 100 square feet. Clean equipment with water or water and detergent immediately after use.

Equipment: Changes in pressure, tip size, and equipment may be needed for proper spray characteristics.

Airless: Standard equipment such as Graco Bulldog Hydra Spray 30 or 45:1 pump with a 0.025- 0.031 inch reversible fluid tip.

Conventional: Industrial equipment such as Binks 11:1 Saturn pump or equivalent with air control cut-off, a material hose 3/4 inch ID minimum and an air hose 1/2 inch ID and 50-75 psi air pressure minimum. Heavy mastic spray gun such as Binks 7E2 with 1/4 inch fluid tip or larger and slotted nozzle.

Brush or Roller: Suitable for waterborne coating. Multiple coats may be required to achieve specified DFT. Roller nap will vary according to texture of substrate, typically a 3/4 inch nap will work.