



RAPCO

ASPHALT MAINTENANCE
R.A. PETERSON COMPANY

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**GOT
CRACKS?** Let us help...

R.A. Peterson Company (**RAPCO**) has been providing asphalt maintenance services for over 50 years. Founded by Robert A. Peterson in 1961, RAPCO continues to be family owned and operated by his grandson, David A. Lobb.

RAPCO is one of the **largest Asphalt Maintenance Company's** in the Chicagoland area and rated in the Top 50 Asphalt Maintenance companies in the nation. Our staff consists of 25 field employees, a team of project engineers, superintendents, and foremen with over **100 years of experience** in the Asphalt Maintenance industry. We are constantly working to incorporate the latest technology and current asphalt maintenance trends to provide our customers with the highest quality **products**, the best **performance**, and the most competitive **price**.

RAPCO is licensed and fully insured by an "A" rated carrier with Workers Compensation and a \$5 million Umbrella.

PRODUCT

RAPCO uses a federal specified Crack Sealant that meets ASTM 3405 D6690 Type II and III. This sealant is specified for Roadways and **outperforms Parking Lot grade** Crack Sealant material at higher and lower temperatures. RAPCO uses only Pavement Sealer manufactured as a thermal ready-to-use product. This means that all sealer has been emulsified with a high shear mixing equipment with the precise amount of water added by the manufacturer—no water is added by RAPCO. The sealer comes from the manufacturer directly onto your asphalt. This ensures the highest quality, longest lasting sealer that contains the most solids.

PERFORMANCE

RAPCO has a **large fleet** of equipment that includes:

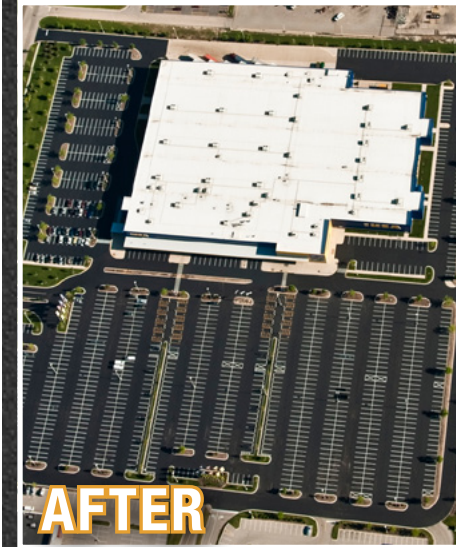
- 4 – Crack Routing Machines
- 2 – Oil Jacketed Melter/Applicators
- 4 – 1,500 Gallon Tanker Trucks
- 4 – 300 Gallon **Squeegee Applicator** Machines

With this expansive fleet of equipment and our experienced crews, we are able to complete any sized project, per your schedule, with a **limited number of mobilizations to your jobsite**. By limiting the number of mobilizations, we can save clients time and money, and we can ensure fewer interruptions to your business, tenants or residents.

Key Point: RAPCO is able to sealcoat **1,000,000 square feet** in one day.

PRICE

Our superior products, equipment, and the many jobs we complete within the Chicagoland area, allow us to bid projects at very **competitive prices**. We provide **FREE parking evaluations** so we can properly assess your asphalt maintenance needs to meet your desired schedules and budgetary considerations.



Crackrouting - our Process

PROCESS

We route all cracks before sealing with a **specialized routing machine** that will cut a 3/4" x 3/4" channel into the crack of the pavement. Next, all cracks are blown clean. Once the cracks are clean, we inject the sealer through a heated hose from one of our two **Oil Jacketed Melter/Applicator** machines that keep the product at a constant temperature of 350-375° Fahrenheit.

By **routing the crack** first and injecting the sealer into the routed reservoir, the sealant reaches the bottom to the top of the crack allowing the sealant to expand and contract through weather cycles—**protecting the integrity of the crack repair**.

If a crack is not routed, the sealer cannot penetrate the depths of the void. Instead, the sealer dissolves into the crack from the top to the bottom, leaving a crack at risk for future repairs. The most expensive part of cracksealing is sealing the same crack again.

Finally, all crackseal material is overbanded on top of the crack with a 2"-3" wide band of material. This method provides the **longest lasting crack repair** and helps limit crackseal material from being scraped off by snowplows during the winter months.

Key Point: Cracks that are routed prior to being sealed last **up to 50% longer**. The long-term benefits that come from extending the life of the sealer more than offset the minimal costs associated with routing.

PRODUCT

RAPCO uses a federal specified Crack Sealant that meets ASTM 3405 D6690 Type II and III. This sealant is specified for Roadways and **outperforms Parking Lot grade** Crack Sealant material at higher and lower temperatures.

Our Professional Staff

Can assess your needs and recommend the proper steps to preserving and restoring the life of your pavement.

We are constantly working to incorporate the latest technology with the highest quality materials, equipment, and workmanship.



The RAPCO Way – Sealing since 1961

Advantages to Squeegee Applied Sealer vs. Spray Applied Sealer

Using a squeegee machine to apply sealer puts pressure on the sealant giving it an opportunity to fill cracks and voids and create a better bond with the pavement surface.

PROPER SAND LOAD

The federal specification standard states that the proper sand load for a sealing project is four to five pounds of sand per gallon. Sand is the main bonding agent in sealer that acts as the grit of the product and contributes to the staying power of the sealer. The spray application method cannot guarantee these amounts. By using a squeegee machine to apply your sealer, you can ensure the proper sand load for every application.

EFFICIENCY & ACCURACY

Squeegee machines apply sealcoat directly onto the asphalt surface. By forcing the materials deep into the pores of the hairline cracks of new or porous asphalt, we can ensure the most optimal protection. The squeegee machine also produces an evenly distributed textured surface that provides consistent wear and a slip resistant surface with every application.

Key Point: By properly maintaining your existing asphalt, you can extend the life of your pavement and parking areas.

NO OVERSPRAY

Squeegee machines have no overspray. You don't have to worry about product waste or getting sealer on curbs, landscaping or vehicles even on a windy day.

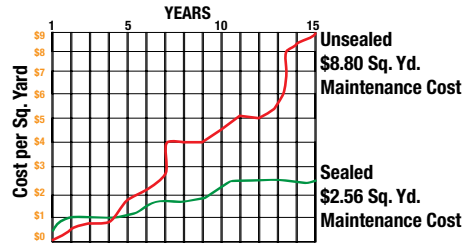
PERFORMANCE

RAPCO has four 1,500 Gallon Tanker trucks to transport material to your jobsite and four 300 gallon Squeegee Applicator machines to apply the sealer. Having a large inventory of equipment allows us to complete large-sized projects with aggressive schedules and offer cost-savings to our customers.

PRODUCT

RAPCO has all Pavement Sealer manufactured as a thermal ready-to-use product. This means that all sealer has been emulsified with a high shear mixing equipment with the precise amount of water added by the manufacturer—no water is added by RAPCO. The sealer comes from the manufacturer* directly onto your asphalt. This ensures the highest quality, longest lasting sealer that contains the most solids.

*Certified Letter from SealMaster Chicago





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