

Recowa

Recovering Energy from Roof Waste



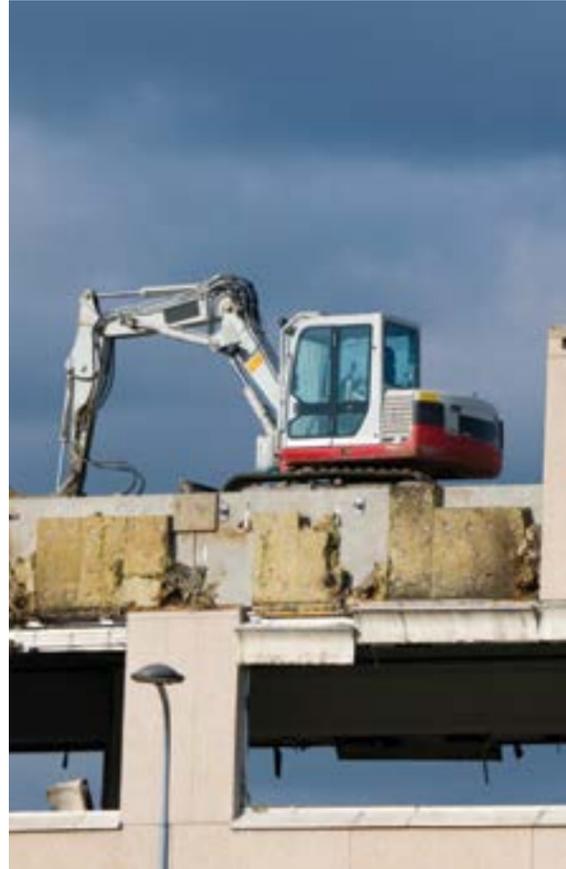
Recowa





How you dispose of your commercial roof waste makes a significant difference.

TPO and EPDM are the two most prevalent roofing membranes for new construction and re-roofing in the United States. Each year, an estimated 185,000 tons of EPDM is currently land-filled and available for recycling, and in 10 years, 250,000 tons of TPO are expected to be land-filled annually. These materials take thousands, and in many cases, tens of thousands of years to degrade.



185,000 tons of EPDM roofing would be able to:

Cover 3,212 football fields

Fill 33,000 40-Yard Dumpsters (8' x 8' x 22')

660,000 Full-size pickup trucks

Cover 6.64 square miles

More than cover the entire island of Key West (5.27 sq mi)

(calculations based on estimated average of 2lbs per SF)



There is another option...

Recowa facilitates the conversion of commercial roof materials and other waste products back to their original energy form. In addition to making recycling economically feasible for the commercial roofing industry, our services provide significant benefits:

- Decrease dependency on oil imports, and domestic drilling and mining – Modern roofing waste materials can be converted into sweet crude oil and char materials, which are essential in producing fuel and coal energy.
- Reduce carbon dioxide emissions – Every ton of solid EPDM and TPO-based roofing materials converted into oil reduces carbon dioxide emissions by roughly the same amount.
- Eliminate landfill deposits – Repurposing these materials keeps them out of landfills and generates an entirely new life-cycle for what was once considered trash.
- Creates jobs – New industries mean new jobs. Converting materials that would otherwise sit in piles for thousands of years into products we can use today requires labor and innovation.

By choosing Recowa, you are implementing environmentally, and socio-economically sustainable practices that not only serve your commercial needs, but contribute to environmental safety, social innovation, and energy self-sufficiency – People, Planet, Profits – That is a triple-bottom-line decision.

Recycled Materials Provisioning



Waste Removal Services

Recowa enables roofing companies to dispose of their roofing materials at the same, and sometimes lower, cost than traditional methods, and brings the added value of “doing the right thing” for people and planet.

- Same work – we remove the relevant waste from your site.
- Same (or lower) costs – We charge the same as, and in some locations less than, existing waste removal services.
- May qualify your site for LEED or other “**environmentally friendly**” credits
- Better social/environmental impact:
 - > Reduces dependency on foreign energy sources
 - > Reduces need to drill/mine/excavate for raw materials
 - > Captures energy from stagnant sources
 - > Keeps thousands of years of waste out of landfills
 - > Creates jobs

There is no downside!



Recowa recycles and repurposes the fundamental materials found in a majority of industrial and commercial roofs, most commonly Thermoplastic Polyolefin (TPO) and Ethylene Propylene Diene Monomer (EPDM).

Through a series of decomposition processes – some simple, others complex, hundreds of thousands of tons of industrial waste can be recycled each year and be used to for any number of rubber products such as playground flooring, mats, tires, mud flaps, as well as sweet crude oil – a highly sought form of oil that helps process gasoline, kerosene and diesel.

If you are interested in either the raw waste materials pre-processing, or the post-production goods such as rubber pellets, powder, char materials, or sweet crude oil, we look forward to hearing from you.



With Executive Leadership leveraging over 30 years of industrial and commercial roof preparation and cleaning experience, Recowa harnesses the power contained in EPDM and TPO-based materials to create tangible, usable, products and power sources. Recowa makes the recycling of otherwise useless scraps of industrial waste both economical and simple, thereby saving you money, and protecting our planet.

Through our sister company, RK Hydro-Vac, Inc., we already have long standing relationships with nearly 10,000 companies across the United States. Together, Recowa and our partners are committed to generating both the economic and environmental benefits available in recovering waste from roofing materials.

Our Mission

Make recycling of roofing products both easy and practical for the entire commercial roofing industry.

Our Vision

Serve as a leader and pioneer in recycling roof materials from commercial buildings.

Our Heritage

We began with RK Hydro-Vac – dedicated to the roofing business with years of roof preparation experience. In addition to RK providing a full line of roof preparation services, we are also experienced in industrial and commercial vacuuming such as plant cleaning and water filtration systems.

RK Hydro-Vac was founded in 1981 in Covington, Ohio. Initially much of the roof work was performed manually. This was hard work, low production and an extremely dirty environment. Through constant research and development of our equipment and technique, RK has taken the roof preparation business into the 21st century with state-of-the-art technology.

These advances have enhanced the quality of service to our customers, provided a quality environment for our employees and a cleaner environment for our customer's customer. Due to such achievements and by recognizing and meeting the needs of our customers, the name RK Hydro-Vac has become synonymous with quality service.

In 1983, a Regional Office was opened in Charlotte, North Carolina, to better serve our customers in the Southeast Region of the United States. In 1990, a Regional Office was opened in Pittston, Pennsylvania, to service the Northeast Region of the United States. Divisional Offices were opened throughout the states in 1999 to provide better customer support. As the demand for quality service increases, RK is expanding to meet those needs.



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**Headquartered in Piqua, Ohio,
we are currently collecting
commercial roof waste in Ohio,
North Carolina, Pennsylvania,
and more every day.**

**To learn more about our
services or explore potential
working relationships contact
us today!**

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