

Rubber Surfacing



BIGFOOT RUBBER
— PAVING INC —

We turn scrap tires into amazing:

solutions

driveways

waterparks

playgrounds

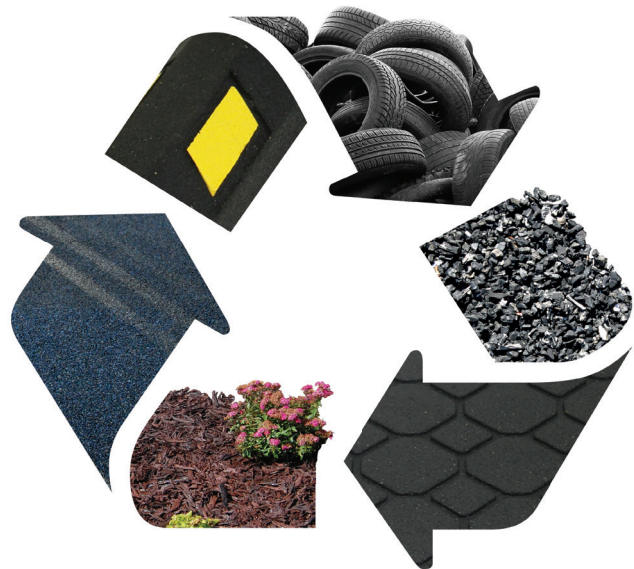
surfaces

destinations

pools

patios

safety



About Us

Shercom Industries is a fully integrated recycler, processor and manufacturer/installer of tire-derived rubber products and surfaces.

Our unique combination of state-of-the-art playground and recreational rubber-paved surfaces, premium home and garden solutions (such as mulch and patio tiles) and durable light-industrial products (like speed bumps and

parking curbs) have made us an industry leader in Canada and garnered recognition such as the ABEX Environment Award from the SK Chamber of Commerce.

By transforming tires from an environmental hazard into durable, high-performance surfaces we facilitate our customers contributing to environmental sustainability.

A little bit of History:

- Founded in 1993 (and we remain canadian owned and operated)
- Installed our first rubber surface in 1998 (Rubber Paved Driveway)
- Began shredding tires in 2000
- Began in-house crumb production line in 2003 (able to make our own material for Rubber Surfaces)
- Shercom has processed over 100 million pounds of tires in the last five years, and now we can bring in and process more than 1 million pounds per day!



FAQ

Is this applicable for Environmental grants and credits?

Yes! All of our products are eligible for LEED credits and we frequently work on projects that receive grants from environment focussed community development programs connected to provincial programs in Alberta (ARMA), Saskatchewan (SSTC), Manitoba (TSM) and Ontario (OTS).

FAQ

What type of surface can you install over top of?

Rubber surfacing is typically installed over sub-surfaces such as concrete, asphalt, paving stones, or compacted granular. Some rubber surfacing applications have varying substrate requirements. Contact one of our surfacing specialists to ensure your project base preparation is on the right track.

Will the product have a weird smell?

A slight odour may be noticeable during the installation process until the binding agents are fully cured. Once the curing process is complete, the binder and rubber are completely inert.



Rubber Surfacing

Introduced in 1998, it was originally developed to restore existing cracked, pitted and spalled driveways by providing a new seamless rubber surface.

Shercom Surfacing is comprised of recycled tire rubber. We reuse this material to create resilient surfacing for many different applications, benefitting from all the engineering focused on creating durable and long-lasting tires.

Our surfaces are created by combining recycled rubber crumb with our proprietary binding agent according to a strict formula developed by Shercom. While our initial

application was for driveways, the concept has now been expanded to include playgrounds, pool decks, sports courts, running tracks, sidewalks, commercial spaces, pathways, patios, decks, and trails.

Rubber Paving is durable, stable, affordable, practical, resists cracking, and retains exceptional performance characteristics even in our extreme Canadian climatic conditions. Our surfaces are becoming so popular because they are safe, accessible, easy to clean, offer a wide range of colour options and design possibilities and they are super fun to walk, run and play on!



BENEFITS OF RUBBER PAVING

No matter what your application is, you can expect the following benefits:

- ✓ **Attractive**
- ✓ **Durable and seamless surface**
- ✓ **Slip resistant surface in all weather conditions**
- ✓ **Impervious to salt/de-icer solutions**
- ✓ **Crack resistant and flexible to withstand minor ground movement**
- ✓ **Withstands freeze/thaw cycles and climatic changes with ease**
- ✓ **Affordable option to concrete or asphalt**
- ✓ **Easy snow removal**
- ✓ **Environmentally friendly**
- ✓ **Industry leading warranty service**

Our Commitment to Customer Satisfaction

Our continuing research and development efforts support our goal to ensure that each new customer should be as satisfied with their recycled rubber surface as our first driveway customers have been. That first surface was installed in 1998 and still looks like our recently installed surfaces with no cracks in the surface. Obviously the added flexibility and stability of our rubber surface helps to resist minor ground movement and meet our customer service goal.



FAQ

Are any of the materials harmful?

Our installers are specially trained to handle any uncured binders or onsite cleaning agents in a safe manner. Once a project is complete, there are no health risks from the surfacing materials. The rubber and binder compound, once cured, is inert and safe for all. MSDS sheets can be provided for all of our materials.

What is the life expectancy for my surface?

Shercom has rubber surfacing installation that have been around for almost 20 years and they are still looking great! With a little care and attention, plan on your Shercom rubber surfacing to last a very long time.

Ideal Surfacing™

Ideal Surfacing combines our well-equipped professional installation team with the most advanced virgin rubber compounds (TPV or EPDM) sourced from ISO certified North American or European manufacturers.

With Ideal Surfacing, you get the peace of mind knowing your new rubber surface will endure for years to come and will not leach harmful sulfurs or peroxides into your environment.

Engineered for Performance

Ideal Surfacing precision rubber safety surfacing, for commercial or residential applications, can be combined with Shercom's unique Pour-in-place playground surface as a final super-resilient wear layer or incorporated into tracks, driveways, splash parks or any other suitable surface. Ideal Surfacing utilizes high tensile, granules created from the most advanced, UV stable polymer that is produced without sulphurs, clay fillers, phthalate plasticizers or heavy metals like Zinc. We combine these granules with a very strong proprietary, situation-specific binding agent that fuses with whatever solid substrate it is applied over to form the strongest, safest, most enduring flexible surfacing available.

Expand Your Surfacing Horizons

Depending on the project parameters and desired performance characteristics, Shercom can use a customized blend of polymer-based and SBR (recycled tire-rubber) materials to create a finished surface that exceeds expectations. With all the benefits of our standard rubber surfacing and an array of additional options, such as precision embedded designs and resistance to caustic chemicals, an Ideal Surface offers a superior fit and finish to take your project to the next level.

Ideal Surfaces can be tailored to create a hard, thin layer that can be used to resurface garage floors, pool decks, or employed in high-traffic commercial applications. Additional options, such as a method to add a sealant to create a non-porous surface - suitable for indoor applications that require frequent washing, as well as the ability to apply our customized rubber surfaces vertically - to complete installations on stairs or on multi-level surfaces, offer countless possibilities for applications.



FAQ

Can these surfaces be repaired? Is there a warranty?

All of Shercom's surfacing products can be repaired if there is accidental damage or vandalism. Shercom has a 5 year warranty on all of its surfacing products.

How do I clean the surface and remove snow?

Rubber surfacing can be cleaned using a power washer to deal with any spills or stains. It is recommended to use light detergent and ensure the power washer operator does not put the power nozzle too close to the surface. High powered washers can take the paint off of a car at too close of range so be certain not to be too aggressive.

Snow can be cleared off of Shercom's rubber surfaces by using a shovel or snow blower. Ensure the use of a plastic shovel without any hard metal edges. Plastic will slide well on rubber compared to a sharp and grabby metal edge.



Residential Rubber Paving

Your old driveway doesn't need to die... It just needs to be re-tired!

Shercom Rubber Paving can quickly transform the old and cracked concrete surfaces around your home into a beautiful, comfortable and safety enhancing surface. Concrete pool decks, patios, walkways, stairs, porches, driveways and garages are perfect applications. Our precision installation avoids the use of the heavy equipment, excavation and forming necessary to replace old concrete. Installation normally takes just a day and the surface is ready to use within 48 hours.

Shercom's soft, comfortable, porous surface aids in the prevention of water sitting dangerously around a pool deck or entrance way, its slip-resistance, impact absorbing features behave much like a rubber bath mat when wet, not only preventing slipping but, in most cases, reducing breaking of skin or bones should a fall happen. Our SBR and Ideal surfaces are anti-fungal, anti-bacterial, UV stable engineered not to crack under extreme temperatures.

Driveways

Whether you are battling an old concrete, asphalt, or sealed aggregate driveway that has seen one too many winters, or you have a newer home with cracks forming already as the grade settles we can remove your frustration and restore curb appeal. With a large variety of colour and finish options we can match the look of your new rubber-paved driveway to your home and desired aesthetic, and create a

functional and long-lasting surface that will maintain it's resilience for years... even decades.

Resurfacing concrete pool decks

A cracked, broken or uneven concrete pool deck is one the most challenging problems for pool owners. Replacing the concrete is expensive, and may fix the problem, but does nothing to enhance safety or comfort. We can transform your aging pool deck into a safe, beautiful, and comfortable surface.

Patios, Walkways, Porches

Your space can be quickly transformed into stylish and newly functional areas. Concrete paving stones can settle over time creating dangerous uneven surfaces. We can level these surfaces with recycled rubber and then apply a beautiful resilient surface.

Stairways

The entrance stairs for many homes are made of concrete that can become treacherous when wet or icy. Our unique process can not only improve the appearance of your stairs but also create a new level of safety but providing a non-slip surface when wet. In addition to the increased traction during the winter, the characteristics of rubber actually facilitates rapid melting of ice, and because of its flexibility any ice forming can be very easily broken up.



Before



After

Maintenance

Shercom's rubber surfacing is a relatively low maintenance product. Made from recycled rubber granules and a high grade poly resin binder, the materials hold up well in extreme climatic conditions. Here are a few standard maintenance tips and procedures:

- Excessive loose surface debris such as gravel, sand or other hard objects can increase the chance of wear and tear. Keep the surface clean and clear from any foreign and potentially hazardous debris. It is recommended to clear the surface of any loose debris every 2-4 weeks with a push broom or leaf blower. This will help to ensure a long lasting and great looking product!
- Rubber surfacing can be cleaned using a power washer to deal with any spills or stains. It is recommended to use light detergent and ensure the power washer operator does not put the power nozzle too close to the surface. High powered washers can take the paint off of a car at too close of range so be certain not to be too aggressive.
- Snow can be cleared off of Shercom's rubber surfaces by using a shovel or snow blower. Plastic shovels provide good snow clearing without the risk of damage. If using a pedestrian snow blower, ensure that there is no contact with the surface from any metal blade or any rotating metal edges. Most snow blowers have either plastic safety guards or adjustable riser pads.
- For ice build-up, de-icers such as salt or Ice-melt can be used. Do not spread more than the recommended amount. Also consider the impact of salt on the nearby and surround surfaces as well.
- Damaged areas can be repaired. The damaged areas can be cut out and patched with the option of adding surface designs to hide the patches. Rubber surfacing can be recoated with a reapplication of the binder for added strength that also rejuvenates the colour for our solid coloured products. Like a new paint job on a car!
- Light vehicle traffic is fine for rubber surfacing installed for the purpose of driveways or commercial spaces. Shercom pour-in-place playground surfacing has a different installation method and is not intended for vehicle traffic of any kind. It's all about the base. The characteristics of rubber surfacing are ideal for covering cracked and damaged surfaces and filling in contours created by weather and wear, but the stability and grade of the new surface will follow the substrate. In the case of installations over compacted gravel, or crusher dust etc, the compaction of the base is absolutely critical to the long-term performance, and it is critical that a careful analysis of elevation, drainage and ground conditions be completed prior to beginning a project.





FAQ

How do these surfaces hold up with harsh temperatures?

Tire rubber was designed to perform and hold up in the most extreme temperatures on the planet. That's what makes our surfaces so durable and resilient. Rubber will maintain flexibility in the extreme cold just like it does when you drive your car in winter. In the heat of the summer you won't find our rubber surfacing turning soft and gooey like asphalt.

Is the surface porous? Where does water go when it rains or snow melts?

Shercom's rubber surfacing is porous. The granular composition will allow melting snow and rain to effectively drain through the product. A surface grade may help 'flash off' some of the water, and the rest will permeate through to whatever is underneath the rubber.

We turn scrap tires into amazing.

Call us at (403) 505-1818 to discuss your project needs,
ask questions or to simply obtain additional information.



BIGFOOT RUBBER
PAVING INC.

www.bigfootrubber.com

(403) 505-1818

marnie@bigfootrubber.com