



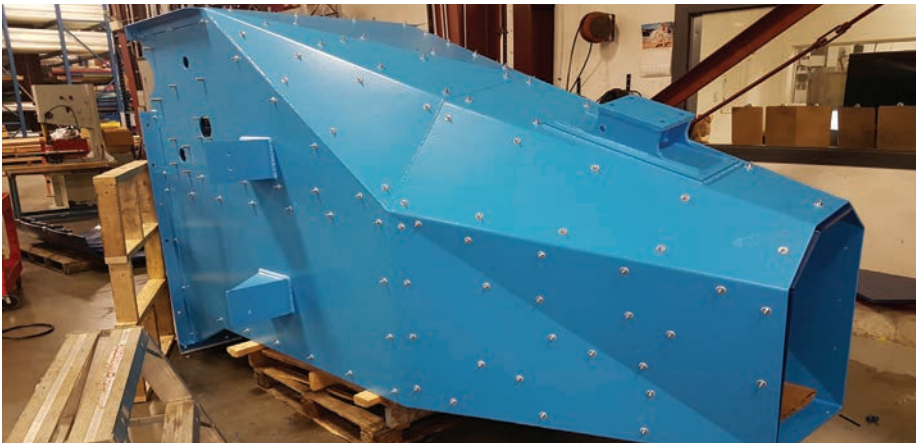
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REDWOOD
PLASTICS AND RUBBER

SOLUTIONS FOR THE
AGGREGATE, ASPHALT &
READY MIX INDUSTRIES

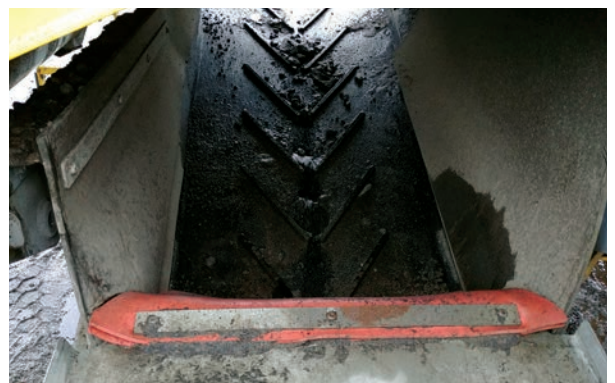
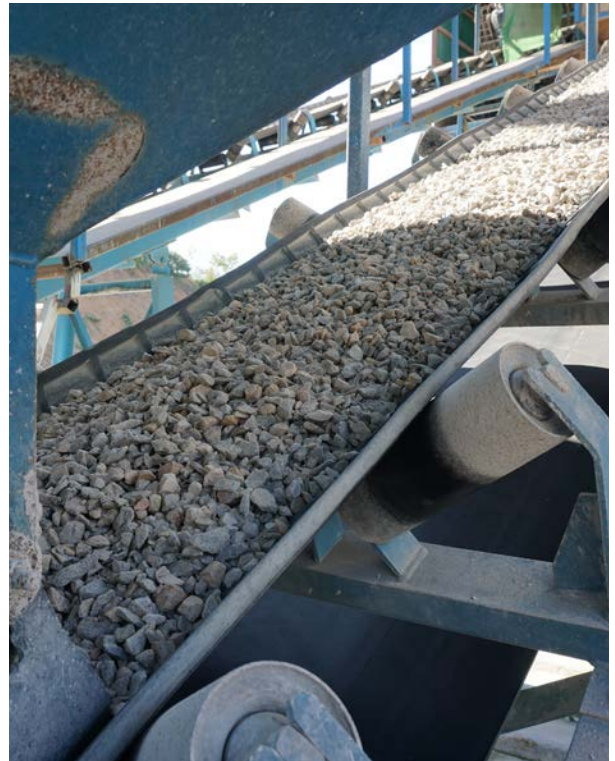


Durable Materials

Aggregate, asphalt and ready-mix plants are aggressive environments and with these plants producing some of the most utilized materials in the world, production speed and downtime can affect the bottom line drastically. Redwood Plastics and Rubber has materials and applications that endure the crushing, shaping, screening and washing of crushed stone, gravel, concrete and sand.

APPLICATIONS:

Belt scrapers, aprons & skirts, urethane impact bars, classifier elbow spouts, classifier shoes, valve-guide seals, coated wheels (rubber/urethane), conveyor belt training rollers, dead box/pocket liners (urethane/rubber lined), discharge spouts (socks & sleeves), dust cover seals for screen decks, urethane pipe, hopper liners, impact pads, belly pads, pulley lagging, screen tension rails, U-channel, wear covers, wear tiles, abrasion resistant chute liners, ball mill liners, bumper boards, conveyor system components, feed box liners, ore car cushions, skip liners, slurry pump liners, truck charge hopper, discharge chute liner, etc.



Feature Applications

Redco™ Switchblade (belt scraper/belt cleaning)

Redco™ Switchblade™ is an innovated new conveyor belt cleaning system that replaces traditional scraper blades and belt wipers. The patented design uses a re-usable mounting base and a replaceable scraping blade section that can be quickly changed during routine maintenance. The advantage of Redco™ Switchblade™ extends beyond the design, as field trials show it outlasts the competition by more than 3x in head-to-head competition and the innovative blade geometry starts cleaning your belts faster, with a reduced “break-in” period.

Available in a wide range of belt sizes, Redco™ Switchblade™ replacement blades are available in bulk 120” long sections for improved yield and custom cutting on site.

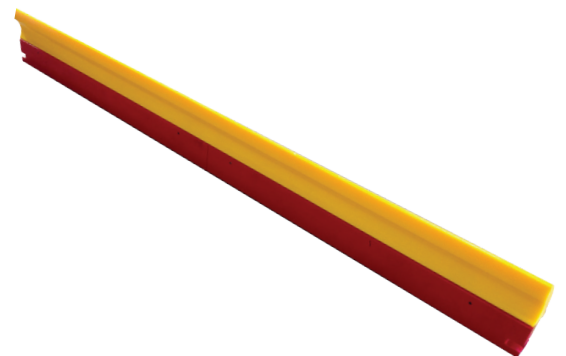
Supercharge your belt cleaning system with Redco™ Switchblade™.

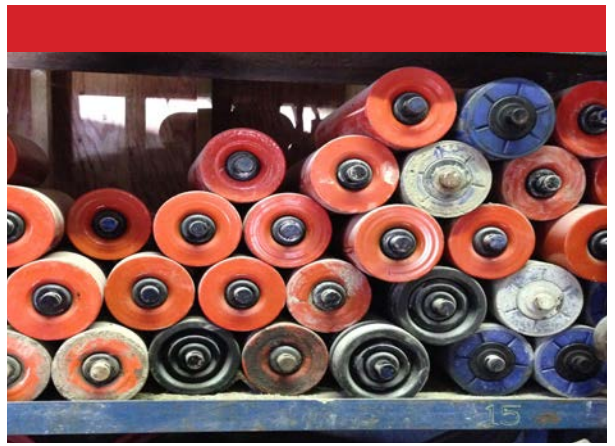
Redco™ Pads & Bumpers

Constant banging and scraping will wear out equipment prematurely. Redco™ Plastics are engineered for the toughest applications to absorb impact and prolong equipment life. We have developed numerous parts for trucks and shovels such as:

Redco™ Body Pads, which have been designed to replace traditional rubber pads, provide longer wear life and don't permit the impregnation of rocks. The pads bolt or weld directly to the bottom of the truck box to protect the frame from shock, vibration, and wear.

Redco™ Urethane Bumpers, which are available in many custom sizes and configurations, absorb the impact of colliding parts while the truck is in motion.





Lining Solutions

Redco™ Truck Liners

Redco™ Truck Liners virtually eliminate material hang up concerns in a variety of environments and applications; including gravel, road cinders, wet and frozen soil and limestone. Withstanding high impact; two times the wear of steel and four times the wear of aluminium.

Available in Redco™ Virgin UHMW, Redco™ Reprocessed UHMW, Redco™ X-Static, Redco™ Titanium, Redco™ Tivar & Redco™ Quicksilver.

Redco™ Truck Charge Hopper & Discharge Chute Liner

Mixing concrete is a difficult process, and is especially taxing on your mixing equipment. In recent years, the value of lining equipment has become readily apparent; however, if you're not using the proper lining materials, lining your equipment can cause excessively long shut-downs.

Plastic liners resist sticking and build-up inherent with rubber and steel type liners, provide easier clean-up, and wear longer than steel.

- **Fast, Bolt In Installation**
- **No Seams to Disrupt Flow or Collect**
- **Provides easier loading of Mixer and less time at the slump rack**
- **Lightweight and outperforms steel**
- **Economical—protects metal hopper and main chute against wear**



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Lining Solutions

Redco™ Ceramic Liners

Redco™ Ceramic Liners have premium wear and impact resistance that combine the unique wear resistance of ceramic tile with the resiliency of urethane. Both ceramic and urethane have incredible wear resistant properties and bringing them together results in a superior wear resistant liner for flow transition areas. Redco™ Ceramic Liners are optimal in areas of high abrasion.

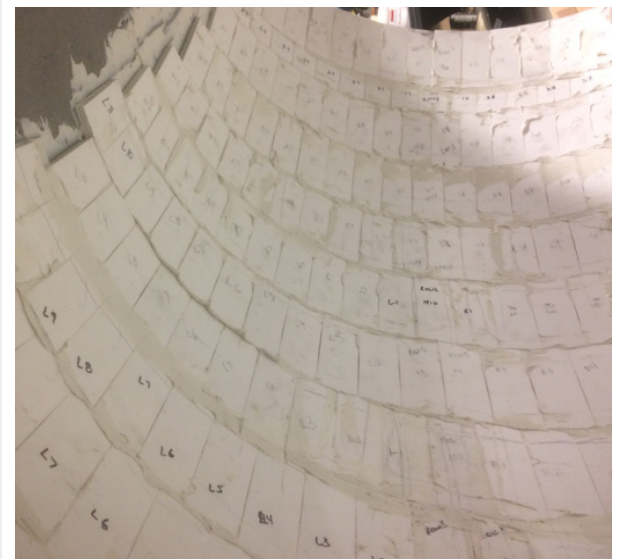
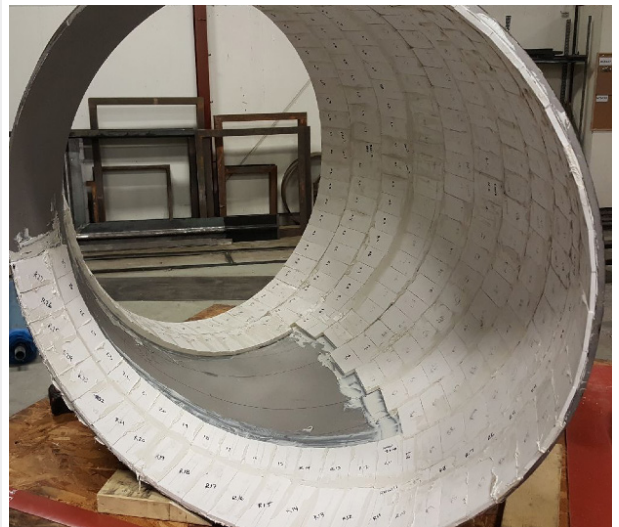
- Chute Liners
- Pipe, Elbow, Transition Liners

90% plus alumina Oxide (Al_2O_3) ceramic tiles are resilient to wear and heat. Commonly used to line Asphalt Silos.

Tile sizes readily available:

- Rectangular Weldable Ceramic Tiles (flat surfaces) – $\frac{1}{2}$ " x 4" x 6"
- Hexagon Ceramic Tiles (curved surfaces) – $\frac{1}{2}$ " x 6" x 6"
- Square Ceramic Tiles (flat surfaces) $\frac{1}{4}$ " x 6" x 6"
- Cylindrical Ceramic Tiles $\frac{13}{16}$ " \varnothing x $\frac{13}{16}$

Redwood is also capable of fabricating wear pads combining cylindrical ceramic tiles with polyurethane. Combining ceramic & polyurethane increases wear resistance and prolongs part life.





Lining Solutions

Redco™ Urethane Pan Mixer Liners

Protect your pan liner and reduce maintenance cost with a Redco™ Urethane pan mixer liner.

- Ease of clean-up between batches (breaking loose dried concrete)
- Reduce or eliminate sticking and build-up
- Can outlast steel liners by 2 – 4 times
- Reduces noise levels
- Reduced downtime and maintenance

Redco™ Premium Liners for Chutes and Hoppers

Redco™ Polyurethane liners are designed to be easily bolted into your chute or hopper.

- Protect your equipment (substrate)
- Ease of installation
- Abrasion and corrosion resistant
- Eliminates nearly any sticking or material bridging problems
- Produced in modular shapes or standard sizes
- Available in a variety of thicknesses

Bolt in-place liners are fastened in place by bolting to your substrate. The liners are utilized throughout the concrete industry to provide long lasting protection for steel substrates, liners can be installed in a variety of ways, please contact us to determine the most cost-effective, long wearing installation method for your application.

Applications: transition hoppers, discharge chutes, feed boxes, trough linings, etc.



Aggregate Solutions

Redco™ Urethane Impact Bars

Redco™ Urethane Impact Bars feature a solid design that protects from wear and impact and secures screen pads in place.

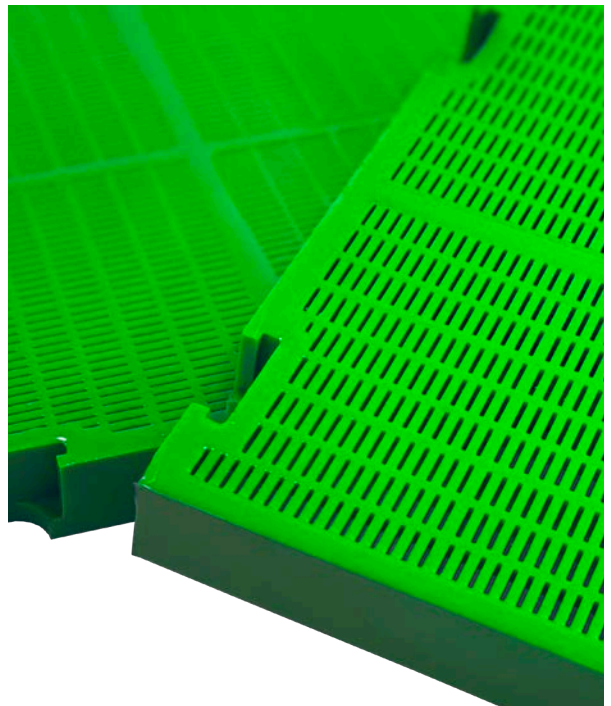
- Secure screen pads
- Less wear and tear on screen deck components
- Absorbs and cushions impact

Redco™ Green Screen

Redwood Plastics and Rubber manufactures a wide range of cost savings recyclable polyurethane screens and screening related products for mines and quarries.

PRODUCT LINE INCLUDES:

- Polyurethane Modular Screen Panels
- Polyurethane Frame Protector and Clip Rails
- Screen Wear Surface
- Rigid Polymer Subframe
- Tension Screen Subframe / Replaceable Modular Panel Surface
- Lip Panels
- Landing or Impact Panels
- Side Liners



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Aggregate Solutions

Redco™ Urethane Screw Conveyor Flight Wear Pads

Redco™ Urethane Screw Conveyor Flight Wear Pads are the solution to the abrasion problems inherent in screw conveyor applications.

The advantages to urethane screw conveyor flight wear pads include:

- Protects conveyor from metal-on-metal abrasion
- Urethane won't rust or corrode
- Lightweight = easy to install
- Redco™ Urethane Screw Conveyor Flight Wear Pads will return to their original shape if bent or distorted
- Available in a variety of styles and replacement sizes



Custom Wear Parts & Vibration Absorbing Parts

Redwood Plastics and Rubber is dedicated to the specialized processes and equipment necessary to fabricate stock plastics, rubber and composites into precision mechanical components of the utmost quality. Need a custom part? Ask one of our plastic and rubber experts for more information.

Quick Lead Times

Short-run or High Volume Orders

Innovative Machining Techniques

Reliable Design & Manufacturing

Ready-Mix Solutions

Redco™ Rubber Socks/Sleeves

Redco™ Rubber Socks or Sleeves are a cost effective, flexible solution for chutes and silos. Redco™ Rubber Socks direct concrete, ready mix or any abrasive mixture directly into the intended location, such as a concrete mix truck, which prevents overflow and splashing, reducing clean up and costly material waste.

Redco™ Safeguard is the material of choice for Redco™ Rubber Socks and has been used throughout the industry for many years and is a trusted material for this and many other applications for ready-mix plants.

Redco™ Rubber Socks can be manufactured to specifically fit your chute or supplied in a full roll for convenient on-site cutting.

Redwood custom fabricates Gum Rubber socks in various diameters, lengths, thicknesses and hardness. Hardness vary from 38A to 45A. Redwood's gum rubbers are wear, tear and impact resistant.

Included in Redwood's gum rubber is a UV Stabilizer, which slows down deterioration caused by UV in sunlight.



Asphalt Solutions

Redco™ Grouser Pads

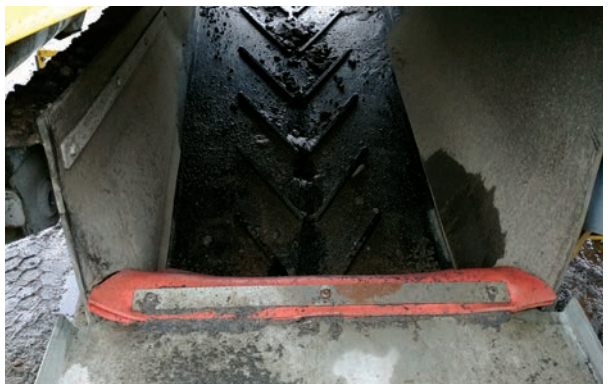
Redwood's SVI 95 Polyurethane has proven to be the material of choice when it comes to refurbishing worn Grouser Pads.

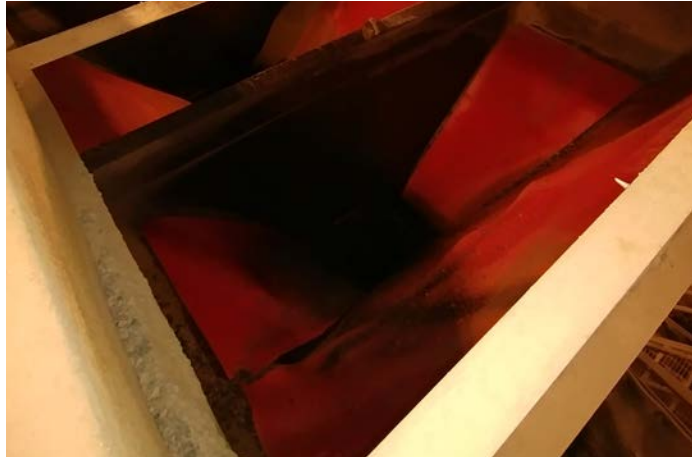
Redco™ SVI 95 Polyurethane allows asphalt pavers to be gentle on hot asphalt and because of its excellent wear resistance, results in a longer lasting pad.

Redco™ Gum Rubber Seals

Redwood's Natural Gum Rubber is ideally used to seal off cold air from entering Single Wall Dryer Drums. Redwood's Natural Gum Rubber with its UV Stabilizer increases production time and results in less maintenance.

Need a custom seal or gasket?
Contact us for more information.





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