



# GREENSTAR™

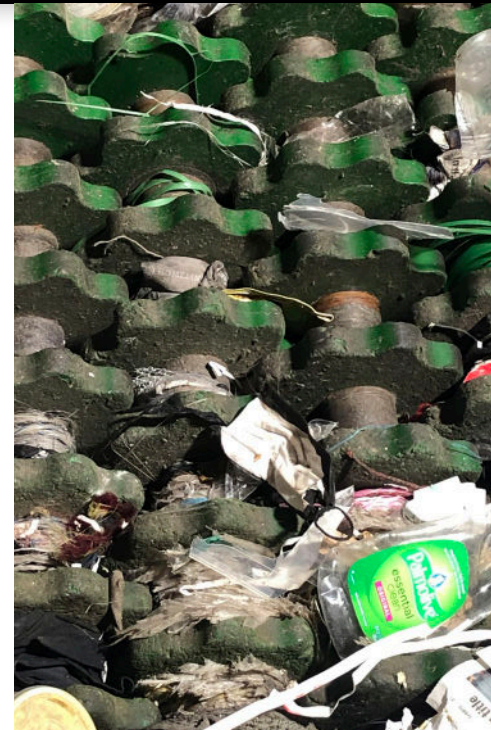
Materials Recovery Facility (MRF) plants rely heavily on the efficiency of their equipment, particularly the sorting screens utilizing the “rubber recycler stars”, for materials processing. These standard stars will wear down over time and need replacement during preventive maintenance.

“Introducing the Redco™ GreenStar™ – a groundbreaking solution poised to minimize downtime and significantly reduce the frequency of maintenance required on your screen decks. Manufactured with an innovative polyurethane formula, the GreenStar™ Recycling Disks outshine the traditional materials by lasting up to 3x longer than the black rubber stars.

### CORE ADVANTAGES:

- ▶ Unique polyurethane formula that allows heat dissipation and preventing hysteresis - the #1 cause of failure in black rubber stars
- ▶ High durability containing the impact resistance of common polyurethane grades
- ▶ Can be molded into unique star configurations, based on the application and other conditions

Redwood chose to work with one MRF in Canada and one in the US to prove our concept, provide R&D for our trials. Check out the back page of this document and hear what they have to say.



### ABOUT REDWOOD PLASTICS AND RUBBER

From a small shop at Redwood street to a multinational manufacturer, Redwood Plastics and Rubber has been crafting, manufacturing, and supplying solutions that address wear, noise, abrasion, impact and corrosion issues across industries for over 50 years.

Our in-house manufacturing capabilities and large-scale facilities can produce reliable plastic and rubber components that decrease downtime, boost production and improve safety.



**Durable**



**Corrosion Resistant**



**Impact Resistant**

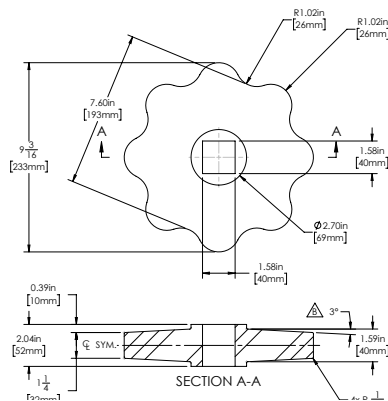
## Urban Impact

Urban Impact, one of Vancouver, BC's largest recycling centers, was relying on black rubber recycler stars to facilitate material movement over their screen decks. They were seeking a better solution that will reduce the frequency of maintenance shut downs.

Redwood was able to deliver our new GreenStar™ Recycling Disks to Urban Impact and their team found that our new stars had double the lifespan compared to their previous recycling stars in the main impact zone and over triple the lifespan of the recycling stars in other areas of the screen deck.

***“Those disks lasted way longer than I thought, the part that really impressed me was how they helped my material flow over the screen deck.”***

**Rod Nichols, Owner**



## Waste Management

As one of Washington's largest recycling companies, Waste Management (WM) sort through thousands of recycled materials in their Woodinville plant each day.

We offered our GreenStar™ Recycling Disks as an alternative to their recycler stars as a trial run and presented them with a disk similar to their own black recycler star. This is what they had to say:

***“I was amazed at the lifespan of these green disks vs the normal black rubber stars, the durability was really good.”***

**Lee Gronemyer – MRF Maintenance Manager**

