

## COMMITMENT TO SUSTAINABILITY

**Accella Tire Fill Systems is committed to investing in R&D which supports the sustainability of our environment.**

As the industry leader in tire flatproofing solutions for the past 45 years, Accella Tire Fill Systems has made providing environmentally supportive products a long-term strategic business priority. As a zero waste, zero emission manufacturer, Accella Tire Fill Systems has proved that innovation and sustainability can coexist and become a competitive advantage.

During the past decade, Accella Tire Fill Systems has introduced next generation technology that significantly reduces the usage of oil, petrochemicals, toxic metals and other environmentally harmful compounds. Accella Tire Fill Systems' sustainability initiatives have resulted in safer, manufacturing environments for our employees and our customers.



We at Accella Tire Fill Systems realize that there is only so much we can accomplish on our own and this is why we have strategically combined our success with our customers' by partnering with American Forests to create the ONE TOTE, ONE TREE green program. This program plants a new tree for every tote of product purchased by our customers.

For additional information on our sustainability initiatives and the One Tote, One Tree green program, please visit [www.onetoteonetree.org](http://www.onetoteonetree.org).



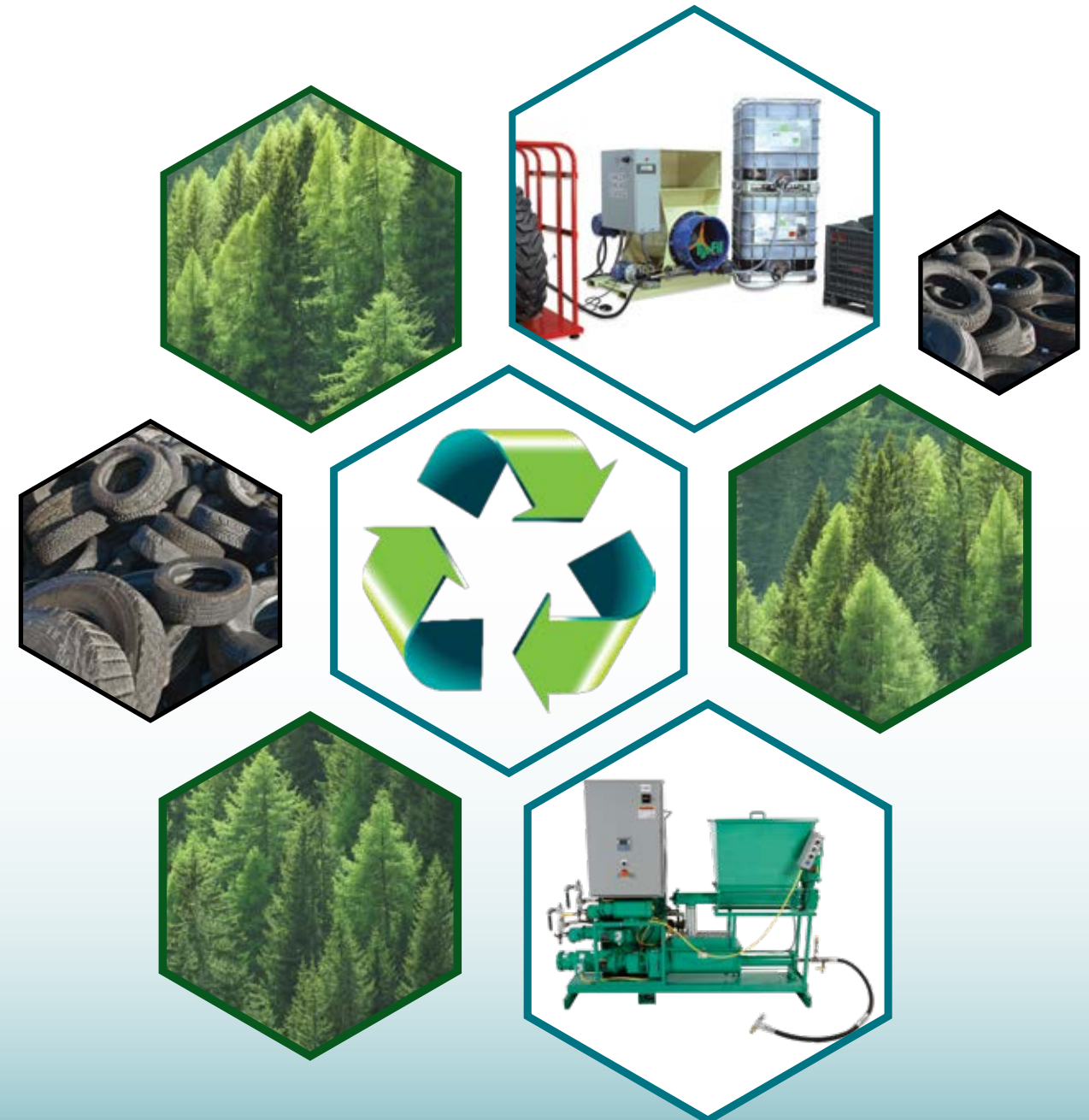
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## Accella Recycling Technology

**TyrFil™ is the Only Flatproofing Solution with a Closed-Loop System that Reduces Carbon Footprint and Saves Money!**

Accella Recycling Technology significantly reduce the environmental impact of traditional Tire Flatproofing by:

- recycling and using up to 65% post-consumer tire fill
- keeping used tire fill out of landfills and eliminating landfill disposal fees
- eliminating up to 65% of the petrochemicals (including oil) normally required to fill an Off-the-Road (OTR) tire



## Accella Recycling Technology is the Most Reliable, Economical, and Eco-Friendly Flatproofing System!

In 1971, TyrFil™, the world's first polyurethane tire fill material intended to flatproof tires, was invented. As the industry leader in tire flatproofing solutions for more than 40 years, Accella Tire Fill Systems has made providing environmentally supportive products a long-term strategic business priority. As part of this commitment, Accella is the only tire fill manufacturer in the industry to offer recycling processing equipment. This equipment has made it possible to keep more than 150 million pounds of tire fill out of landfills.

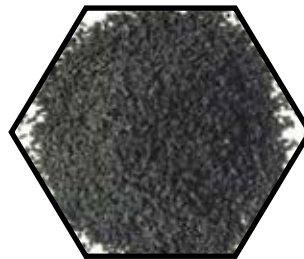
The Accella Recycling Technology mixes virgin TyrFil™ with either used tire flatproofing, crumb rubber, or even previously mixed materials, eliminating the environmental impact of sending used polyurethane and used rubber to the landfill. By using the Accella Recycling Technology with TyrFil™ EcoFil (water-based fill) and recycled material, the use of petrochemicals (including oil) is even more significantly decreased - less than 25% of the petrochemicals that have been used in traditional tire flatproofing applications.

### Typical Blend Media Samples

Granulated Recycled Fill



Rubber Crumb



Rubber Crumb & Recycled Fill Mix



The Accella Recycling Technology's computer systems are field-proven for more than a decade to meter and mix controlled amounts of virgin liquid tire fill and granulated tire fill to a homogenous TyrFil mixture that fills the tire exactly the same as virgin liquid tire fill. When tested by independent laboratories, the end result was found to provide equivalent or superior durability compared to virgin TyrFil™ flatproofing.

## Environmental Benefits of Using the Accella Recycling Technology

The Accella Recycling Technology allows a dealer to use a ratio of 65/35 by volume (or 50/50\* by weight) of recycled material and virgin TyrFil™ Flatproofing material.

The environmental benefit can be illustrated by looking at the 65/35 by volume ratio in one of the most frequently filled tires, a 13.00-24 which can take 500 lbs of fill.

### Traditional Fill = 500 pounds

- 280 pounds of oil (56%)
- 220 pounds of other petro-based chemicals (44%)

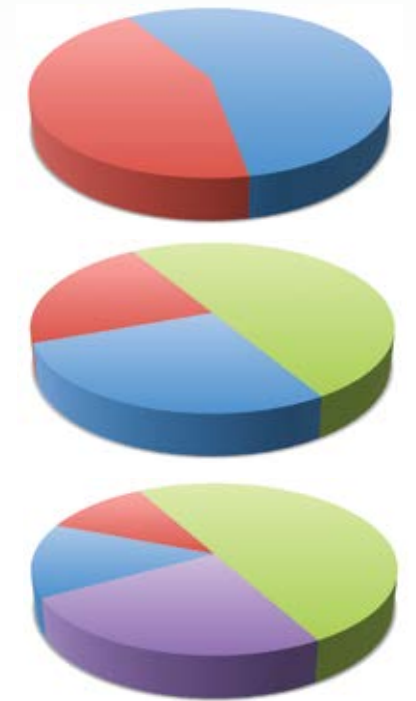
### Recycling Technology with Traditional Fill = 500 pounds

- 250 pounds of recycled material (50%)
- 140 pounds of oil (28%)
- 110 pounds of other petro-based chemicals (22%)

### Recycling Technology with TyrFil™ EcoFil = 500 pounds

- 250 pounds of recycled material (50%)
- 125 pounds of renewable products (25%)
- 70 pounds of oil (14%)
- 55 pounds of other petro-based chemicals (11%)

\* This figure is +/- 2%



### The Accella Recycling Technology Eliminates Chunking

Chunking is the term used to describe filling tires with "chunks" of used tire fill, and then filling the remainder of the tire with virgin tire fill. With no standard practice, consistency, or control of process, the overall tire performance remains inferior compared to a properly filled tire. Also, businesses that chunk expose themselves to a variety of risks and situations that could prove harmful to their business and their customers. Such perils include providing an inferior product, endangering users, exposing the company to legal liabilities and jeopardizing customer relationships.

### Tire Fill Recycling in the 21st Century

- Blends all material together BEFORE filling
- Processes recycled tire fill as well as crumb rubber
- Exceeds EPA's requirements for post-consumer materials content
- Computer controlled
- Optimized ratio
- Optimized profit
- Consistent durometer