

The benefits of re-using tyres

TILE ADHESIVE MANUFACTURE



About us

Tyrecycle started in 1992 as a division of a major tyre manufacturer. But today we are Australia's leading recycler for all types of tyres, turning scrap tyres into rubber crumb for use in innovative products.

Our processing and collection capabilities service every state of Australia. This includes our head office at Somerton in Melbourne that has the largest crumbing plant in the nation making rubber crumb, granules, buffings and even Tyre Derived Fuel (TDF). Incidentally, we are the only producer of TDF in Australia that can guarantee full chain of custody for all materials processed and supplied, ensuring that our raw materials are used in an environmentally sound way.

And why is this important to us? Because Tyrecycle is part of the highly regarded integrated resource recovery group, ResourceCo. As such we are committed to eliminating the sending of tyres to landfill or whole baled tyres being sent off-shore.

We have a goal of Zero-to-Landfill which is founded in the belief that everyone needs to be smarter about how they use the Earth's limited resources.

Our contribution to the environment is a crumb and granule process that serves many markets. Along the way it has put us at the forefront of tyre recycling and the reuse of rubber products.

Here's how we contribute to the tile adhesive business.

RUBBER CRUMB

Rubber modified tile adhesives account for about 40 percent of the recycled rubber powder generated in Australia. The rubber powder provides the flexible properties of cured rubber to the tile adhesive. This helps prevent cracking which can be caused over time by movement in buildings.

Tyrecycle recycled rubber products are:

- **100 percent Australian made.**
- **Guaranteed a quick turnaround on orders due to significant stock holdings.**
- **Available for delivery Australia-wide.**

The Crumbing Process



PRODUCT RANGE

- 30 mesh rubber crumb
- 40 mesh rubber crumb

FEATURES

Controlled processing and storage conditions guarantee **< 0.8% moisture** in all of the Tyrecycle rubber crumb products.

Tyrecycle rubber crumb is produced from 100% recycled truck tyres with **negligible fibre content**.

Tyrecycle rubber crumb is produced through 4 stages of magnetic separation to ensure it has **zero steel content**.

Tyrecycle can supply in a broad range of packaging configurations - **7kg to 25kg stacked bags to 300kg – 1000kg bulk bags**, depending on customer sizing requirements.

BENEFITS

- Product consistency provides certainty when adding to adhesive formulations.
- Product flows more readily through feed systems, reducing downtime from bridging and blockages.
- Product cleanliness minimises wear on plant and equipment.
- Tailored delivery of the product to customer.
- Largest producer and stock holdings in Australia allows adhesive plant manufacturers to have confidence when ordering.

Tyrecycle continues to work with government and industry to increase awareness of the importance of tyre recycling and the promise of associated product development.

Get in touch

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SAI GLOBAL



Printed on recycled stock.