

Our Objective: To recover material that would otherwise go to landfill.

Project Description: Not to be outdone Talbot has taken on two environmental projects, in addition to now seeking Enviro-Mark@NZ accreditation. This included recycling of cardboard, plastic bags, plastic strapping and label backings, reduction of waste into skip and also the recycling waste material from Fisher & Paykel by processing, recycling and returning material to them. We were moulding product in standard material and a material of lesser quality which we could convert easily.

Cost:

For some parts none.

Savings to us, no colour = \$48,000

Other parts costed lower = 44c x 350k = \$15,000

= 5c x 350k = \$17,500

How we implemented the project: Separate recycling bins in factory and store. Problems still with plastic lined paper bags not being able to be recycled and purging from machines. The packaging was formulated and we arranged with recycler. Then we got Fisher and Paykel to start ship material to us.

Project Team:

- Sara Wallén – Quality Engineer
- Diane Philpott – Production Assistant
- Nicola Martin – Personal Assistant
- Andrew McLeod – Technical Supervisor
- Vicki Williams – Operator
- Ricky Fruean – Materials Supervisor
- Robin Brightwell – Maintenance Engineer
- Darryl Martin – Tool Maker

Results:

- General recycling working well.
- Problems finding homes for the rest of the waste.
- Material from Fisher & Paykel has been recycled for 2.5 years now and approximately \$250 000 back to customer in purchase credits. Also over last year approx \$30 000 in reduced pricing.

Key Challenge:

The contamination of material.

The Solution:

Have multiple filling with material passing through magnets and closing bags in transit.

The Future:

More of the same, both projects are progressing well.

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Links:

www.talbotplastics.com



Best Practice Hints:

- Ensure all staff are involved to get best results.
- Have an end use before starting the process.
- Do not do too much too soon.