

RECOVINYL

news

issue
no 6

UK Recovynyl Agent:

Axion Recycling Ltd

Errwood House
212 Moss Lane
Bramhall SK7 1BD
Tel +44 (0) 161 426 7731
Fax +44 (0) 161 426 7732
Recovynyl
Hotline +44 (0) 161 355 7618
email info@axionrecycling.com

Recovynyl Head Office

Avenue de Cortenbergh 66
1000 Brussels
Belgium
Tel +32 2742 9682
Fax +32 2732 6312
email info@recovynyl.com



WELCOME to Issue No 6 of the Recovynyl Newsletter. Find out about efforts to get the demolition industry on board with Recovynyl, targetting of local authority specifiers and read a follow up article with Express Waste Management, a Recovynyl recycler having great success recycling PVC from a variety of sources.

Recovynyl - More than Window Recycling.

Recovynyl is widening its scope by targeting the demolition industry. Large volumes of post-use PVC from both windows and alternative sources, such as cooling tower packings, fascia boards, cladding, shutters, pipes and flooring are generated by the demolition industry.



Roger Morton of Axion Recycling comments: "The potential for recycling waste PVC, other than windows, from construction and demolition is huge. Much of this material, such as pipes and cladding, is expensively dumped in the ground when it can be usefully turned into new products. Growing pressures on the industry, such as Government legislation, rising disposal costs and the scarcity of landfill sites, means that recycling has to be the way forward."

David Wiles, Recovynyl Consultant for Axion Recycling recently met with Howard Button, National Secretary of the National Federation of Demolition Contractors with a view to encouraging its members

to increase their recycling rates, reduce their landfill tonnages and therefore save money.

By dismantling and segregating the component materials for recycling, companies using the Recovynyl scheme can cut the cost and numbers of skips used to dispose of their PVC waste. As ancillary PVC products from roofline products, cladding, shutters and blinds, pipes and conduit, as well as windows are covered by the scheme, companies undertaking complete refurbishment projects can recycle virtually all PVC-U



waste removed from properties, cutting their disposal costs even further. If companies join Recovynyl and enter into an agreement with a Recovynyl Recycler, they could claim incentive payments on the waste they recycle.



Recovynyl & Local Authorities

A key objective for Recovynyl is to encourage Local Authorities to specify the use of PVC in their construction work. In the past, Local Authorities have been reluctant to specify PVC amid concerns about sustainability and the availability of facilities to recycle PVC. This month, Roger Morton, Axion Recycling Director, addressed a seminar 'The Open & Shut Case For Windows & Doors' held at County Hall in London. Organised by the British Plastics Federation, the seminar was aimed at Housing



Association and Local Authority Specifiers and was well attended by 63 delegates from London and the South East. Recycling of post-industrial PVC waste (production waste, manufacturing off-cuts) has been well underway for some 20 years in the UK. However, until the advent of Recovynyl, very little post-consumer PVC waste (installation off-cuts, mis-measures, end-of-life products) was being recycled. Recovynyl has developed a collection infrastructure for this waste and encourages existing recyclers to invest in post-use treatment. When submitting tenders for new refurbishment projects, Roger encouraged delegates to consider including requirements for recycling of construction waste, with Recovynyl being the ideal mechanism for recycling the post-use PVC. Roger explained "Specifiers are keen to use PVC because PVC frames have long life, low energy loss and good maintainability - especially important where access is difficult or dangerous - for example on tower blocks. They have been reluctant in recent years to specify PVC due to perceived difficulty of recycling PVC at end of life. Success and rapid growth of Recovynyl allows them to specify PVC with confidence that there is a mechanism for recovery to a high grade re-use application at end of life."



Express Waste & PVC Aeration Tubes

Express Waste Management Services (EWMS) have been very successful in recycling PVC from sources other than windows. The company is currently working to recycle post-use PVC aeration tubes from water treatment plants for Thames Water Authority. Kelvin Hughes, EWMS Logistics and Business Development Manager explained that ITT Sanitaire won the contract to replace the tubes for the water authority and they introduced EWMS as a company with the capacity to collect and recycle large volumes of used PVC. EWMS have completed the recycling work from Thames Water's Beddington site and are in the process of recycling the tubes from Beckton, North London. Thames Water Authority and ITT Sanitaire remove the aeration tubes from the waste water tanks and jet wash them before they are collected and recycled by EWMS. The work at the Beckton site is scheduled to take place in three phases, the first of which is almost finished. Kelvin Hughes estimates that each site will generate approximately 100 tonnes of post-use PVC; the recycling work taking about a month to complete. Kelvin comments "As the tubes are being replaced with new PVC, we could be involved in recycling aeration tubes with the water authority for a long time to come."



Aeration tubes awaiting collection by EWMS

For some time, EWMS have had a recycling contract with the China Clay Works, St Austell, Cornwall. Imyrs, the company who own the China Clay Works are in the process of replacing the PVC piping used to pump slurry from the bottom of the open cast china clay pits up to the filtration area where the china clay is removed from the slurry. Over time, the PVC wears out and needs replacing. EWMS took part in a major clearance at the site last year, collecting and recycling the used PVC piping. The company now collects from the China Clay works about once every three months as the remaining PVC pipes are removed. Kelvin added 'As they say, where there's muck, there's brass!'

Contact Kelvin Hughes 01562 754740