

RECOVINYL

news

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WELCOME to the latest edition of the Recovinyl newsletter, including items on a new horticultural waste campaign, Axion's forthcoming WEEE Polymer Separation & Analysis Technologies event and Advanced Roofing's efforts to recycle PVC roofing materials.

Recovinyl looks for growth in horticulture

Following the great success Recovinyl has had in the Netherlands obtaining large volumes of post use PVC from the horticultural industry, the UK is gearing up for a new campaign of its own. Peter McCutcheon is leading a drive to target PVC piping from the UK Horticultural industry, particularly in the east of England where a great deal of the industry is based.

If anyone has any ideas of potential sources of this material or is interested in recycling it, please contact Peter:
Tel: 01773 856700, email@pmcindependent.co.uk

WEEE Polymer Separation & Analysis Technologies Event

Are you coming to our exhibition & networking event on novel polymer separation and analysis technologies? If you are interested in recycling plastic from heavily mixed streams don't miss your opportunity to attend this FREE event.

On behalf of DEFRA, Axion Recycling have carried out a 2 year trial of a wide range of polymer separation and analysis techniques. Come and find out about the technologies trialled including shredding, granulating, metal removal, wood removal, brominated flame retardant (BFR) removal, polymer colour sorting and different polymer separation methods such as gravity separation, electrostatic separation and dry or wet separation techniques.

Manufacturers from across Europe will be exhibiting on the day, enabling you to talk directly to them. This will provide a useful opportunity for quick and easy assessment of the various technologies against your own company requirements, without the need to clock up thousands of air miles or organise multiple shipments of waste samples!

Exhibitors will include: all controls, S.E.A, Herbold, Steinert, ASM, Prime, CommoDas, CENTrec, Thermo-Scientific, Mesutronic, InnovXsystems, Titech, Flottweg, Buhler-Sortex, Kongskilde, Hamos, Wagner & Goudsmit.

The exhibition will be held on Wednesday 11th July in the Cederic Ford Pavillion, [Newark Showground](#), 9.30 - 16.30.

Please register your interest with Jane Madden
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Recycle your Roofing.

Gordon Harris of Advanced Roofing in Ilkeston, Derbyshire, is very keen to establish a scheme to encourage roofing companies to recycle their PVC roofing material waste. With the help of Recovinyl recycler Melba Products Ltd, Gordon has proven that it is possible to recycle small pieces of PVC roofing membranes such as roll ends, offcuts and unusable sections and therefore divert this material from landfill. Former Chairman of the SPRA - the Single Ply Roofing Association, Gordon estimates that between 1 - 1.5% of PVC roofing materials make their way to landfill in the form of small pieces - less than a square metre. Gordon explains: "By collecting these small pieces in a rubble sack on site, filling a bulk bag and taking it to Melba, we have proved that this waste can be reclaimed. In order to make this economically viable, the challenge now is to roll this out on a wider basis"

Gordon would like his industry to get recycling and envisions a scheme whereby offcuts and roll ends etc would be collected by roofing technicians, put into rubble sacks and taken back to base where the



waste would be tipped into bulk bags. When a company has filled 3 or 4 bulk bags, they would telephone a logistics partner who would collect the waste in a 'milk round' collection arrangement with 4 or 5 other companies within the area. During the 'pilot' phase of the scheme, Melba Products Ltd was impressed with the bulk bags idea and is ready to process as much of this kind of waste as can be sourced.

Gordon explains "Once we have a logistics partner established and we've got a system up and running for dealing with new off cuts and roll ends, then we can roll it out to include post-use single ply PVC membranes. That is when contractors will benefit commercially. When they are not using skips but bagging waste up and sending it away, they will be saving landfill costs and maybe even getting reimbursed by the recycler"

As Gordon explains "PVC membranes can typically last for around 50 years. Single-ply PVC roofing membranes in the UK have been around for about 30 - 40 years. At the moment, most of the waste is generated by change of use of the buildings - the material stripped off generally being in good condition. In the next 10 years, as an industry we are going to begin taking off single ply PVC membrane at the end of its life. A 5000 sq m roof will produce 5000 sq m of PVC membrane and that's a lot of waste to send to landfill"

Gordon is determined to see the scheme get off the ground. In the meantime, he has proven that his company's PVC waste can be recycled. He comments: "I am happy that our company will not produce any PVC membrane waste that will go to landfill. Advanced Roofing as a company are doing our bit by recycling all our PVC waste."

Through the trade association, SPRA, Gordon hopes that it will be possible to establish a network of like-minded contractors. As he notes "the more volume that is produced, the more viable it becomes to get a logistics partner involved." Once the scheme has been established within the SPRA community, Gordon Harris has plans to roll it out to non-members, offering them a ready-made solution.

Gordon Harris is looking for help from people who can help him set up his initiative - recyclers, logistics partners, interested roofing companies or anyone who has gone through a similar process to set up such a scheme. Contact him:

Gordon@advanced-roofing.co.uk

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