



ROOFCOLLECT

Recycling System for Thermoplastic Membranes

Newsletter July 2014

European Roofing Recycling: Reaching ESWA Commitments by 2020

**ROOFCOLLECT reports on volumes for roofing and waterproofing
membranes**
[ESWA Press-release \(PDF\)](#)

The waste volume is not the only aspect that is crucial for the ecological importance of materials. The whole life-cycle of a product as well as the ecological effects in comparison to alternative solutions must be considered.

Owing to their excellent material properties, their durability and ecological assessment PVC roofing membranes offer an optimum compared to conventional waterproofing systems. PVC roofing membranes are modern materials to ensure long-term reliable waterproofings in the name of nature and with their durability they meet the demand for the prevention of residual waste.

Achievements in 2014

In 6 months 2014 ESWA^(*) ROOFCOLLECT® recycled 2.474 tonnes of collectable available PVC waste from roofing and waterproofing membranes, compared to 2.096 tons in the same period in 2013. This development represents an increase of 18 % (378 tons) The objective to recycle 50 % of the total collectable available PVC waste was fixed at 2.850 tonnes for 2014 (project submission); figure accepted by VinylPlus. Again, ROOFCOLLECT® exceeds its targets on volumes.

ROOFCOLLECT® System: recycling partners and collection schemes –

News from Recyclers

The company Caretta, recycler/converter with production sites in Erfurt, Germany and in Hungary and Bulgaria has been partner of ROOFCOLLECT® since 2012.

Together with partners Caretta has started to develop new products, consisting mainly of the separated polyester fibres from roofing and swimming pool membranes as well as from coated fabrics. The first trials were done in 2012 and now Caretta produces foils, sheets and plates going beyond samples.

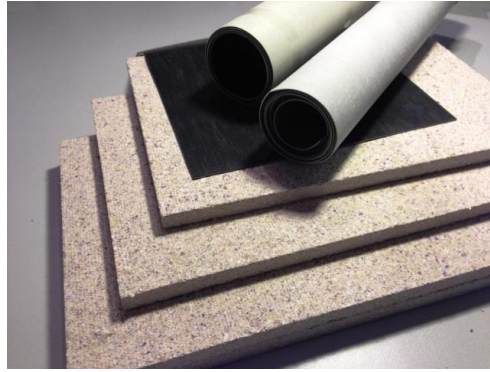


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In saving disposal costs the objective is to launch new products on the market which will guarantee the cost leadership in this product sector.



First samples of recyclate and new product development with residues of fabric fibres and fluffs.

Until now the polyester fibres are waste for incineration and cause treatment costs. New markets for these products will help to reduce recycling costs and gate fees for end-of-life material, also for ESWA ROOFCOLLECT®.

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Report by Karin Arz, ROOFCOLLECT®,
July 2014



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*ESWA – European Single Ply Waterproofing association