

PVC Recycling

PVC is a highly sustainable material. Its main characteristics are longevity coupled with a negligible maintenance requirement and the ease and efficiency with which it can be recycled.

General

Swish Cellular PVC profiles have an average recycled material content of 9%. However some products are produced with >90% recycled content.

Recycled Material

The recycled material referred to above is post industrial waste that is captured during and after the production process.

Swish runs a highly efficient plant, operating with a low scrap rate at or below 10%. At times factory efficiency has reduced that figure to 5% or less. This scrap rate effectively translates into the recycled material content.

The Epwin Group, of which Swish is a part, is the only manufacturer currently recycling quantities of post industrial and post consumer waste. It is important therefore to emphasise that any manufacturer of cellular PVC claiming to have an average recycled content greater than 10% is, under current market conditions, admitting to unacceptable inefficiencies in their production processes.

Other Recycled Material Streams

Swish, through its sister company, Dekura is leading the development of sustainable production within the roofline sector. As the UK's leading PVC recycler, Dekura has the unique capability to recycle material from the whole of the supply chain as well as post consumer waste. This material is now going into a new generation of advanced and sustainable products. It is this developing supply route which enables Swish to produce some products with 90% recycled content.

The Dekura service includes full cycle traceability on all waste material. This demonstrable audit trail means that post-consumer waste from rooflines, windows and doors can be followed into a new generation of products – closing the loop on the recycling process.



Aside from diverting material from land fill, PVC recycling produces far less CO₂ than is produced during the manufacture of virgin material; 94% less according to figures produced by Axion Recycling which administers the Recovinyl PVC recycling initiative in the UK. The process can also happen over and over again. Industry research suggests that PVC can be recycled up to 10 times and still maintain its performance.

Sustainability CPD

Swish now has a RIBA approved CPD concerned with the sustainability credentials of Cellular PVC

To book a seminar phone **01827 317200**

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