

Test report

Recycled content percentage

Early 2008, Desso made the commitment to become 100% Cradle to Cradle® (C2C) by 2020. This commitment is founded on ensuring that the impact Desso makes is beneficial for current and future generations. C2C design takes its inspiration from nature and sees carpet as being made up of nutrients that should consistently remain in use, in a continuous cycle.

Within this continuous cycle it is of vital importance that used carpets find their way back to their origin. Therefore Desso offers international collection of used carpets via its established Take Back™ programme, including all types of carpet, irrespective of brand and type, with the exception of carpets containing PVC.

Additionally, Desso has developed and implemented an innovative separation technique, called Refinity®, which makes it possible to separate the yarn from the backing, producing two material streams which can each be recycled. After several purification stages, the yarn is returned to the manufacturer for reuse.

In this process, Desso has set up a key strategic partnership with Aquafil S.P.A.. In its regeneration plant, Aquafil depolymerises used polyamide 6 fibres to produce new Econyl® yarns; a yarn made from 100% recycled content, including post-consumer carpet fibres from Desso's Refinity® plant.

To close the cycle, Desso now manufactures over 60% of its carpet tile range with Econyl® yarns, including the product stated below. The percentage of recycled content differs per colour, depending on colour depth and construction of the specific yarn. This percentage will increase in the future as Desso and Aquafil continue to work together to advance the entire process.

Product name: **Tree**

Results:

Colour	% recycled*
1708	100%
2915	100%
9093	0%
9094	67%
9104	100%
9111	100%
9501	100%
9502	100%

Colour	% recycled*
9504	100%
9506	33%
9945	100%
9990	100%
LRV1103	67%
LRV1107	33%
LRV1710	100%

* this % refers to the yarn component of the product

For more information on Cradle to Cradle®, recycled content percentage in general and overviews per product, visit www.desso.com