

SAVINGS WHEN LWC IS MADE FROM 100% RECOVERED PAPER

- Production of a tonne of LWC recycled paper saves as much energy as a typical family house (Type KfW 40 with 112 m²) uses per year.
- 1000 tonnes of LWC recycled paper saves as much water as a town with 75000 inhabitants – like Calais or Red-ditch – uses daily.
- A tonne of LWC recycled paper prevents as much CO₂ arising as a car with average petrol consumption emits when driven from Berlin to Rome and back.



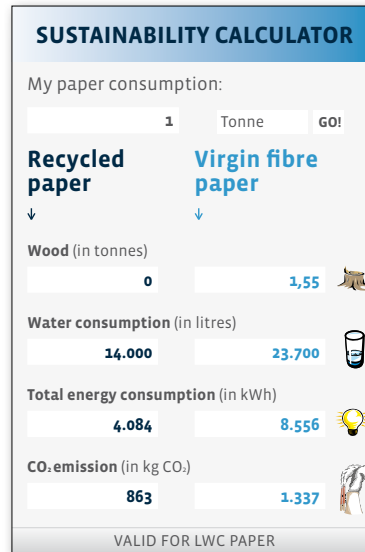
STATE OF THE ART TECHNOLOGY AND PRODUCTION PROCESS WHICH CONSERVES RESOURCES

Steinbeis produces recycled paper out of 100 percent recovered paper wholly and without compromise, on the highest standard of technology. Production is geared to using as little as possible primary resources, whilst being absolutely consequent in the re-use of raw materials.

In the scenario where the availability of resources is continually shrinking, Steinbeis plays a leading role in realising a sustainable model.

By maintaining the highest ecological standards Steinbeis has established its international position as “The Original” in the field of recycled paper. No other paper can offer a better ecological and economical balance of values.

MEASURABLE CONSERVATION OF BOTH RESOURCES AND THE CLIMATE WITH RECYCLED PAPER



Calculate your individual savings with the Sustainability Calculator on:

www.stp.de

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Printed on 100% recycled paper.



The ecological balance for LWC papers taking into account their differing raw material content. (2008)



Result of a study done by the Institut für Energie und Umweltforschung Heidelberg GmbH (Institute for Research into Energy and the Environment, IFEU)



AIM AND COMPASS OF THE IFEU STUDY

In the current study the ecological balance of LWC* papers has for the first time been examined. The aim is to demonstrate the ecological savings generated by recycling paper.

The ecological balancing examination starts with looking at the raw materials provided (mechanical-/chemical pulp respectively recovered paper) and ends with the LWC paper waiting to leave the paper mill at the mill gate. Taken into account were the comprehensive ecological aspects of transport, raw material preparation and the production processes.

Conclusion: This study provides scientific proof that LWC papers made from 100 percent recovered paper are the best ecological choice.

ENVIRONMENTAL CATEGORIES CONSIDERED IN THE IFEU STUDY

- Primary energy consumption
- Water consumption
- Greenhouse gas effect

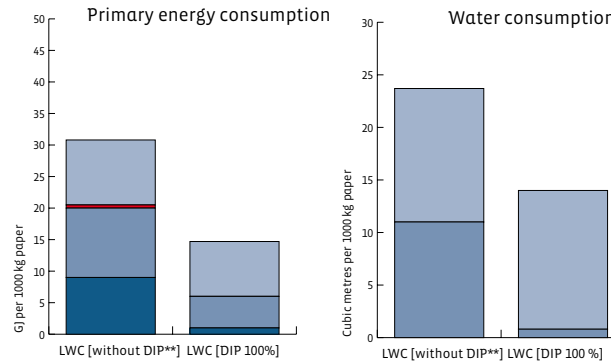
* LWC = Light Weight Coated = coated mechanical paper for printing magazines and catalogues.

** DIP = deinking pulp = deinked secondary raw material

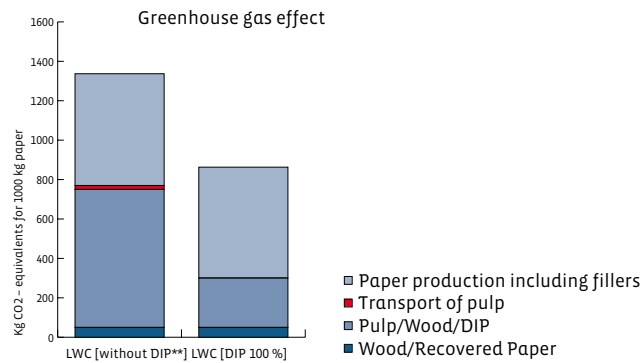
RESULTS OF THE IFEU STUDY

More than 50 percent saving in energy consumption

More than 40 percent saving in water consumption



35 percent less greenhouse gas emitted



SUMMARY OF THE RESULTS

- For the production of LWC recycled paper over 50 percent less energy is needed.
- The water consumption when producing LWC recycled paper is 40 percent less.
- When LWC recycled paper is produced the CO₂ emitted is 35 percent lower.
- Using 100 percent recovered paper for producing LWC recycled papers protects the forests.

Conclusion: Recycled paper saves on valuable resources such as water, energy and wood and avoids significant CO₂ emission.

By using LWC paper made from 100 percent recovered paper you make a measurable contribution to protecting the climate and resources.

