

CyclusSilk



Cyclus is a range of high quality natural white 100% recycled papers, manufactured at the Papeteries du Bourray Mill in Le Mans, France. Cyclus is manufactured using de-inked post-consumer and post-industrial waste (the de-inked pulp is produced on site) without any bleaching processes. CyclusSilk offers outstanding qualities including excellent opacity, a smooth finish and great printability. **Naturally, Cyclus' services live up to your expectations.**

- CyclusSilk is a 100% recycled silk coated paper with a natural whiteness
- CyclusSilk is available in the following weights: 70, 80, 90, 115 and 130 gsm.

For more in-depth product information, please request the Technical Sheet.

FIBRE SOURCING AND RECYCLING

100% de-inked fibres and PCF (Process Chlorine Free). No bleaching is used in the manufacturing process.

CHEMICALS

No substances classified as carcinogenic, mutagenic or reprotoxic (CMR) are used as raw materials. Arjowiggins Graphic complies with new REACH (Registration, Evaluation, Authorisation and Restriction of Chemical Substances) European Community Regulation, created to improve protection of human health and the environment from the risks that can be posed by chemicals as well as the promotion of alternative test methods, free circulation of substances and enhancing competitiveness and innovation.

For more information go to www.echa.europa.eu

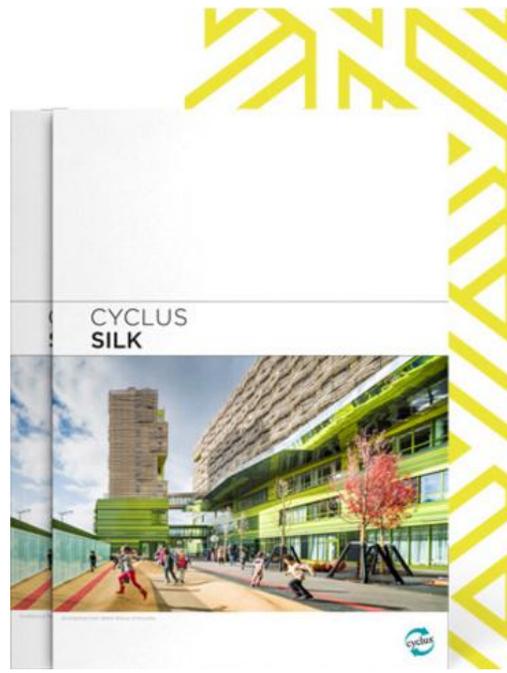
PACKAGING

We work with our suppliers to reduce the amount of packaging (ream wrapper, shrink film, plastic banding). Today, a minimum of 93% of our packaging materials are totally recyclable.

TRANSPORT

The Arjowiggins Graphic transport policy is eco-responsible, optimising logistics and taking environmental issues into account: i.e. minimizing distances between raw material, mills and customers in Europe, encouraging eco-driving to decrease fuel consumption, shifting volumes to rail and sea transport wherever possible.

CERTIFICATIONS



FSC® Recycled certified
(No. FSC-C021878) *

*Cyclus sheets FSC® certified /
Available on request for Cyclus reels.

REACH



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ENVIRONMENTAL PARAMETERS

Note: These figures include both pulp and paper production.

Arjowiggins Graphic is fully committed to environmental responsibility during the development and production of its pulp and paper*

Water	COD	1.2 Kg/t
	AOX	0.000 Kg/t
	N	0.048 Kg/t
	P	0.005 Kg/t
Air	SO ₂	0.002 Kg/t
	NOx	0.152 Kg/t
	CO ₂ **	55 Kg/t
Purchased electricity		650 KWh/t
Solid waste landfill		11 Kg/t

* Figures based on 2017 measurements

** Fossil energy

CARBON FOOTPRINT

- Carbon footprint: 577 kg CO₂/t of paper (Bilan Carbone® methodology)

What is a carbon footprint?

Carbon footprint is a measure of the impact human activities have on the environment in terms of the amount of greenhouse gases produced (measured in units of carbon dioxide equivalent).

Why does Arjowiggins Graphic measure its carbon footprint?

Arjowiggins Graphic calculates its carbon footprint for two main reasons: to assist customers in estimating their own carbon footprint and to monitor the greenhouse gas emissions as a result of our production processes.

How is the Arjowiggins Graphic carbon footprint calculated?

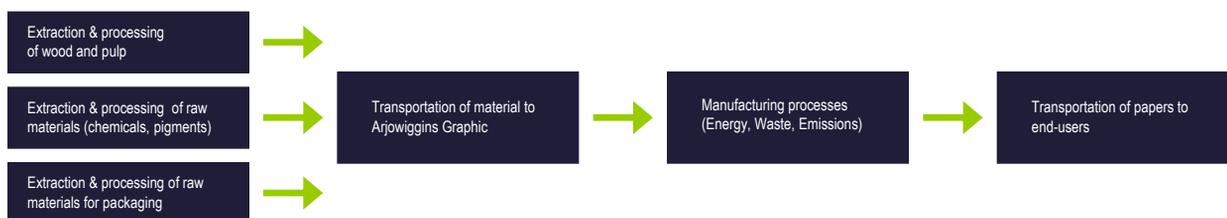
Carbon footprint calculations are not regulated on a global or national basis and this is why Arjowiggins Graphic have selected independent and long established companies to undertake its calculations: Labelia Conseil evaluates Carbon footprint data in accordance with the Bilan Carbone® methodology.

What is the Bilan Carbone® method of carbon footprint calculation?

This is a well agreed methodology, based on the international Greenhouse Gaz Protocol, for a consistent method of measuring, reporting and communicating the greenhouse gas emissions (carbon footprint) of goods or services across their lifecycle developed. Bilan Carbone® has been recognised by the British Standards Institute (BSI).

The coverage of carbon footprint calculations:

Our boundaries considered for analysis include the whole production process i.e. from the raw materials to the delivery of finished products. Always check the carbon footprint coverage before comparison, to be confident that all the relevant and potential sources of CO₂ have been covered. Currently Arjowiggins Graphic has chosen a plan of carbon footprint reduction, but not a plan of carbon offsetting.



For more information or questions relating to this document, please email Gilles.Lhermitte@arjowiggins.com

This information is supplied in good faith and is accurate at the date of publication.

Arjowiggins Graphic reserves the right to change or update information as deemed necessary.