

**Product / brand:** CyclusOffset

**Paper Mill:** Bessé sur Bray / Wizernes

**Country of origin:** France

**Website:** [www.arjowigginsgraphic.com](http://www.arjowigginsgraphic.com)

## CyclusOffset®



### Product Data

CyclusOffset is a 100% recycled uncoated, natural white offset paper with its very own character. The paper accentuates the creative message, where touch and feel combine with - and support - the visual image.

Cyclus is made from 100% recycled pulp requires much less water and a considerable reduction in energy consumption compared to paper from virgin fibre. By choosing CyclusOffset, you can meet your environmental commitments without compromising the visual quality of your work.

• CyclusOffset is available in the following weights: 70, 80, 90, 100, 115, 140, 150, 170, 200, 250, 300 and 350 gsm

For more in-depth product information, please request the Technical Sheet or visit [www.arjowigginsgraphic.com](http://www.arjowigginsgraphic.com)

### Certified Management Systems



ISO 9001 Quality Management Standard  
ISO 14001 Environmental Management Standard  
OHSAS 18001 Health and Safety Management System

### Product Certifications



Blue Angel



EU Ecolabel Certification  
(No. FR/011/03)



FSC® Recycled certified  
(No. FSC-C021878)\*  
\*Cyclus sheets FSC certified /  
Available on request for Cyclus reels.



DIN 6738

Age-resistant standard  
suitable for archives  
( LDK class 24-85 )



National Association  
of Paper Merchants

### Fibre sourcing and recycling

100% de-inked recycled fibres and PCF (Process Chlorine Free)

### 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](http://www.echa.europa.eu)

### Packaging

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

## Environmental Parameters

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

\* Figures based on 2011 measurements

\*\* Fossil energy

		Aa/Bb/LBy
Water	COD	2,7 Kg/t
	AOX	0,000 Kg/t
	N	0,150 Kg/t
	P	0,010 Kg/t
Air	SO <sub>2</sub>	0,002 Kg/t
	NO <sub>x</sub>	0,300 Kg/t
	CO <sub>2</sub> **	273 Kg/t
Purchased electricity		1248 KWh/t
Solid waste landfill		20 Kg/t

Note: These figures include both pulp and paper production.

## Carbon Footprint

• Carbon footprint of Bessé sur Braye, Wizernes and Le Bourray mill : 577 kg CO<sub>2</sub>/t of paper (Bilan Carbone® methodology).

### What is a carbon footprint in relation to Arjowiggins Graphic?

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 is measuring your carbon footprint important?

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: FactorX evaluates Carbon footprint data in accordance with the Bilan Carbone® methodology.

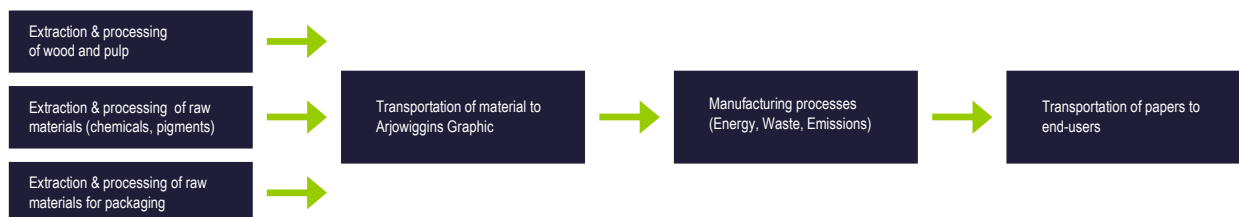
### What is the Bilan Carbone® method of carbon footprint calculation?

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 CO<sub>2</sub> have been covered.



For more information or questions relating to this document, please email [Gilles.Lhermitte@arjowiggins.com](mailto: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.