

**Product / brand:** Maine M1

**Paper Mill:** Wizernes & Bessé

**Country of origin:** France

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



## Product Data

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Maine M1 is a flame retardant coated paper. The range contributes to the success of advertising campaigns while ensuring public safety. With an increased whiteness, gloss and a reduced drying time, Maine M1 is the reference standard within the flame retardant papers market.

- Maine M1 is a FSC® certified paper for point of sale advertising campaigns and promotional activities such as posters, banners and hanging signs in public indoor locations (shops, exhibitions, airports, railway stations, ...).

Maine M1 is available in the following grammages for one side printing: 120g and for two side printing: 185, 250, 320 and 770 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

- ✓ FSC® certified N° SGS-COC-003161
- ✓ M1 certified (French regulation of 25<sup>th</sup> of June 1980 at AM10)
- ✓ F1 certified (French standard NF 16101 on Railway Rolling stock)
- ✓ Class 0 UK Building Regulations 1991 requirements (Test BS 476 part 6 & 7)

## Fibre sourcing and recycling

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Virgin fibres; FSC® certified and controlled sources. ECF (Elemental Chlorine Free).

- Europe 59%
- America 41%

## Chemicals

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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

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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

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\*

\* Figures based on 2009 measurements

\*\* Fossil energy

		Bessé	Wizernes
Water	COD	11.8 Kg/t	11.0 Kg/t
	AOX	0.072 Kg/t	0.072 Kg/t
	N	0.165 Kg/t	0.255 Kg/t
	P	0.031 Kg/t	0.030 Kg/t
Air	SO <sub>2</sub>	0.362 Kg/t	0.361 Kg/t
	NO <sub>x</sub>	1.330 Kg/t	1.150 Kg/t
	CO <sub>2</sub> **	363 Kg/t	197 Kg/t
Purchased electricity		1028 KWh/t	1254 KWh/t
Solid waste landfill		23 Kg/t	23 Kg/t

## Carbon Footprint

- Carbon footprint of Bessé mill : 847 kg CO<sub>2</sub>/t of paper (PAS2050 Method)
- Carbon footprint of Wizernes mill : 816 kg CO<sub>2</sub>/t of paper (PAS2050 Method)

### 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: The CarbonNeutral Company and ECCM (Edinburgh Centre for Carbon Management) carry out emissions assessments according to the principles of WBCSD (World Business Council for Sustainable Development).

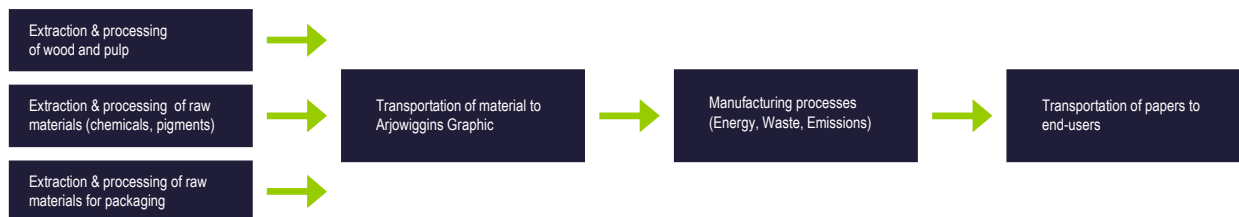
### What is the PAS2050 method of carbon footprint calculation?

This is a publicly available specification (PAS) for a consistent method of measuring, reporting and communicating the greenhouse gas emissions (carbon footprint) of goods or services across their lifecycle developed 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.

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](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.