

Product	Ep4 80 g/m²
Company	M-real
Mill	M-real Alizay, France

Information gathered from 01.12.2008 to 31.03.2009 *)
Date of issue 27.04.2009

Environmental product declaration for paper

Environmental Management

Certified environmental management system (at the mill since) **ISO 14001 (1999)**

Company systems ensure traceability of the origin of wood **X yes** __ no

Certified PEFC chain of custody at the mill since 2003. Certified FSC chain of custody at the mill since 2008.

Company management systems ensure traceability of the origin of wood.

Environmental parameters

The figures are based on methods and procedures of measurement approved by the local (or national) environmental regulators at the production site. The figures include both paper and pulp production.

Water	COD	7.3	kg/t
	AOX	0.038	kg/t
	N_{Tot}	0.150	kg/t
	P_{Tot}	0.049	kg/t

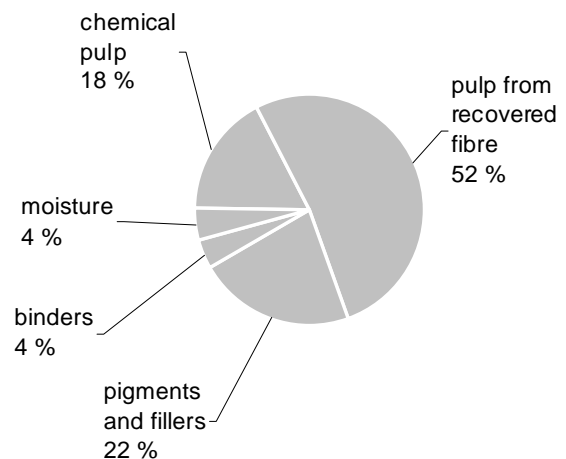
Air	SO₂	0.41	kg/t
	NO_x	1.31	kg/t
	CO₂ (fossil)	144	kg/t

Solid waste landfilled **25** BDkg/t

Purchased electricity consumption

/ tonne of final product **558** kWh

Product composition



More information

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*) Pulp data from 1.1.2008 – 31.12.2008

Product **Ep4 80 g/m²**

White uncoated woodfree paper containing a majority of recycled fibre recovered from reclaimed paper from offices and printers that would otherwise have had to be disposed of to landfill or by incineration. Main end uses: daily office use for high volume copying, printing of e-mails, draft documents, faxes, internal reports and other general documents for internal use and circulation.

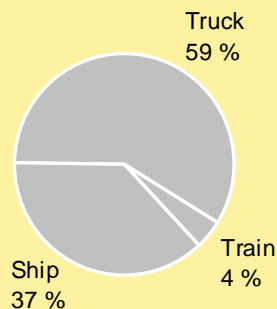
Mill info

M-real Alizay is located in Alizay, in France, about 120 km west of Paris. It produces 300,000 t/a of ECF chemical pulp and 300,000 t/a of uncoated paper. Forest and agricultural land surround the mill. The mill is located on the river Seine near the harbours of Rouen and Le Havre. Waste water is treated at the on site effluent treatment plant and the cleaned water discharged to the Seine.

Transport

RAW MATERIAL - FIBRES

Transport modes



Average transport distance

Wood	227 km
Pulp	560 km
Recovered paper	224 km

(Information gathered from 1.1.2008 to 31.12.2008)

PRODUCTS

M-real Alizay produces cut size paper and business reels from both virgin and recycled fibre. The main market is western Europe. Paper products are transported by truck, only in full loads.

Handling after use

PRODUCT

At least 75% of the fibre in Ep4 is made from recovered paper and the product is fully recyclable. Help to close the loop by recycling EP4 after use.

PACKAGING

The packaging material – plastic coated paper, thin plastic wrapper, plastic strap and cartons – can be incinerated to produce energy or recycled, depending on the local collecting systems. Wooden pallets can be recycled or utilised as fuel in energy production.

Product Ep4 80 g/m²

Origin of recycled fibres

EP4 is manufactured from part of genuine recovered paper, collected predominantly from businesses and offices by recovered paper merchants. Both recycled fibre plants supplying fibre to the mill are ideally situated in close proximity to major cities and urban areas, reducing transport distances. In 2008, the recovered paper supplying the UK recycled fibre plant originated from within 167 km (104 mile) radius of the plant. Most recovered paper utilised by the plants will be segregated at source, negating the need for further sorting at the recovered paper merchants.

Origin of wood

It is M-real's policy to use wood which comes from sustainably managed commercial forests. M-real's wood procurement is handled by the company's principal owner, Metsäliitto Cooperative. Metsäliitto Cooperative holds PEFC chain of custody, FSC chain of custody and FSC controlled wood certificates. Metsäliitto's wood origin tracking system is included in its certified ISO 9001 and 14001 quality and environmental management systems.

The aim is to continuously increase the proportion of certified wood entering the supply chain. The table shows the origin of all wood raw material in the product, by country, as total share of certified wood supplied from those countries with a certified chain of custody, and as share of certified wood by certification scheme. The total share of wood from certified forests in this product is 45 %. For information on labelled products please contact M-real's local sales office.

The figures include all wood used in product (Information gathered from 1.1.2008 to 31.12.2008)

Countries of wood origin	Share of total wood supply (%)	Share of certified wood* (%)	Share of certified wood* by certification systems (%)
France	43	50	50 PEFC
Sweden	49	47	34 FSC, 12 PEFC
Latvia	4	8	8 FSC
Lithuania	2	12	12 FSC
England, Germany, Estonia, European Russia, Norway	2		

* The figures indicate the average share of certified wood supplied with certified chain of custody.

Management systems

ISO 9001 – ISO 14001 : N° SM/2008/32936 - Afnor Certification
 PEFC CoC : FCBA / 03-00273
 FSC CoC : FCBA-COC-000081 – FCBA-CW-000081

Chemicals used as raw materials

No substances classified as carcinogenic, mutagenic or reprotoxic (CMR) are used as raw materials.