

Building Products and Materials

Eco-fee scale and grid

APPLICABLE FROM 1 MAY 2024

In partnership with



CONTENTS

Welcome to **Ecomaison!**

Since 1 May 2023, manufacturers, retailers, distributors and importers of building products and materials have been required to include an eco-fee in the price of their new products placed on the French market, in accordance with France's anti-waste law (Loi Anti-Gaspillage pour une Economie Circulaire - AGEC). The eco-fee helps finance the collection, sorting, re-use and recycling of these products, as well as innovation in environmental performance and eco-design.

To meet its regulatory obligations and support the growth of the sector, Ecomaison aims to deploy more than 3,000 collection points and take back building site waste from tradesmen and construction companies by the end of 2024.

To achieve this, Ecomaison is changing its eco-fee rates. This new scale was approved by the Ecomaison Building Sector Committee on 29 January 2024. It will come into force on 1 May 2024.

In this document, Ecomaison presents the scale applicable to your products from 1 May 2024. It is based on two structuring principles:

- each family of materials finances its own waste collection and recycling costs.
- each material makes a financial contribution to achieving the collective waste collection and recycling target.

Eco-modulations are also planned, as are eco-design bonuses.

Not yet chosen your eco-organisation? Join Ecomaison! Visit our website ecomaison.com or read our "Members' Guide".



reuses and recycles household items and materials



















Introducing Ecomaison

1.1 About us	<u>p.4</u>
1.2 How are eco-fees calculated?	<u>p.5</u>
1.3 What eco-modulation bonuses	
are available?	n 6

Rates grid

.1 Rates: presentation	<u>p.</u>
.2 Rates	<u>p.1</u>
.3 2024 simplified system rates	<u>p.:</u> 2

Introducing Ecomaison

- ▶ About us (p.4)
- ▶ How are eco-fees calculated? (p.5)



About

US

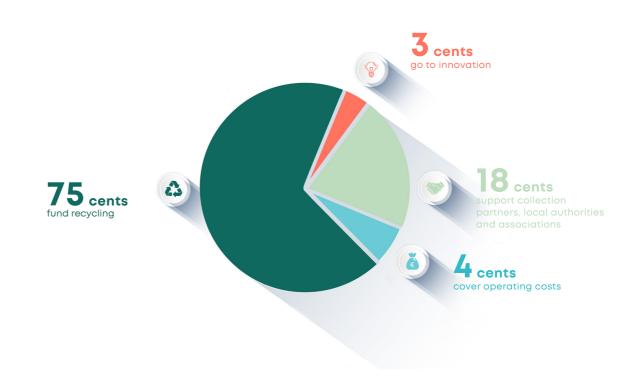
Created in 2011 under the name Eco-mobilier, Ecomaison is a multi-channel eco-organisation, i.e. a not-for-profit public-interest company approved by the French government. It is the only one with four approvals: for furniture and bedding, building products and materials, DIY and gardening products, and toys and outdoor games. For over 12 years, Ecomaison has been helping over 13,000 companies to comply with regulations.

Since its creation, Ecomaison has already collected 10 million tonnes of household items and materials.

All these actions are made possible thanks to the eco-fee, a contribution applied when a new product is purchased. The sums paid to Ecomaison finance all the services and solutions for collection, sorting, reuse, recycling and innovation.

Our ambition: to achieve zero waste!

On average, for every €1 of eco-fee paid to Ecomaison:



How are

eco-fees calculated?

Rates are presented by product and by material.

Rates are adjusted according to the recyclability of the materials, and for wood, according to the sustainable management of the resource.

The eco-modulation provided for in regulations is designed to reward eco-design initiatives and avoid the presence of recycling disruptors.

Bonuses for the incorporation of recycled materials into products also enable consumers to benefit from a reduced rate for products incorporating recycled materials.

Definition of a single-material product



A product is considered to be 'single-material' if it contains more than 90% of this material by weight. For example, a plastic tank coated with another material may be declared as a 'product, more than 90% plastic' if the coating does not exceed 10% of the product's weight.

What bonuses are available?

Eco-modulations included in rates.

For 2024, Ecomaison is offering its members bonuses on the following products and materials.

1. The rates include 2 levels of recyclability for these materials:

- Wood
- Plastics
- Metal
- Plaster

The scale proposed by Ecomaison includes a reduced rate for each material depending on its level of recyclability.

Products and materials should be declared with the code corresponding to the material and the reduced rate will be automatically applied.

2. Rates are also lower for bio-sourced materials and materials from sustainable resource management.

Bonuses for sustainable management of resources are included as a base in the unit rates. The products should therefore be declared with the corresponding product code and the reduced rate will be automatically applied.

2 main families of materials are eligible for the reduced rate:

▶ Wood: the rate is reduced by 50% for each sustainably managed wood product category. A sustainably managed resource is considered to be any raw material that can demonstrate sustainable forest management certification (including FSC, PEFC or equivalent), as well as any wood with the Bois De France (BDF) label and any supply from French forests.

Solid wood and related products

The product contains at least 70% materials from sustainably managed forests.

Wood-based panel products (PP, OSB)

The product contains at least 70% materials from sustainably managed forests or from recycled sources.

▶ Products made from bio-sourced materials (materials and fibres of plant or animal origin other than wood and wood derivatives and cardboard).

What bonuses are available?

The Incorporation of Recycled Materials (IRM) bonus.

This bonus rewards members who use recycled materials in the manufacture of the products they sell.

For 2024, 4 materials will benefit from an IRM bonus:

Wood

PVC plastic

Flexible or rigid polyurethane (PU) foam

Metal for concrete reinforcing bars

Application criteria

There are 3 cumulative conditions to qualify for the bonus:



Recycled materials must come exclusively from "post-consumer" waste, i.e. excluding manufacturing scraps.

Recycled materials come from a holder registered with an eco-organisation (waste management operators, brokers, traders).



Recycled materials must not contain more than 0.1% hazardous substances by weight. Recycled materials must not affect the future recyclability of the manufactured product.



Bonuses are calculated for quantities incorporated above a minimum recycled content threshold, based on the total weight of the material concerned by the bonus.

For 2024, the amounts and thresholds applicable to each of the proposed products are as follows:

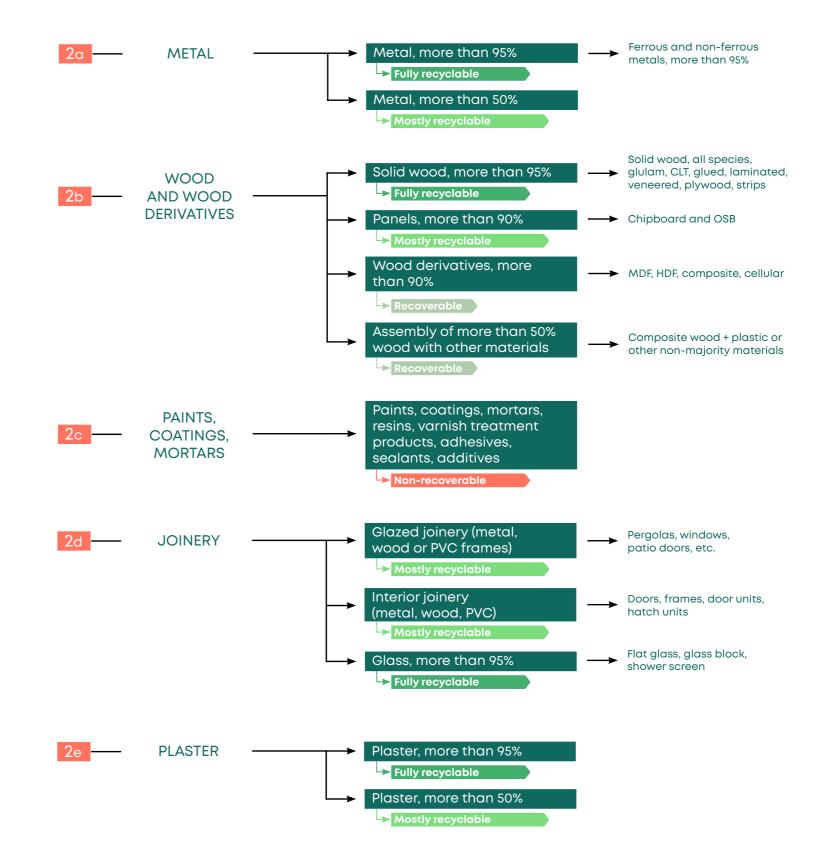
Material in the product	Unit amount €/t of recycled material incorporated into the product above the threshold	Threshold in the material	Unit amount €/t of material in the product once the incorporation rate has been reached	Objectified rate of incorporation into the material
Wood in chipboard	€40/t	40%		
PVC in windows	€450/t	20%		
PU foam in thermal or acoustic insulation			€50/t	70%
Metal in rebar			€1.10/t	90%

Ecomaison offers to pay bonuses on the basis of a declaration of the actual quantities of recycled material incorporated above the threshold (expressed in tonnes).

The products eligible for bonuses are shown in the eco-modulation table <u>in the appendix</u>. Application details are set out in the <u>Members' Guide</u>.

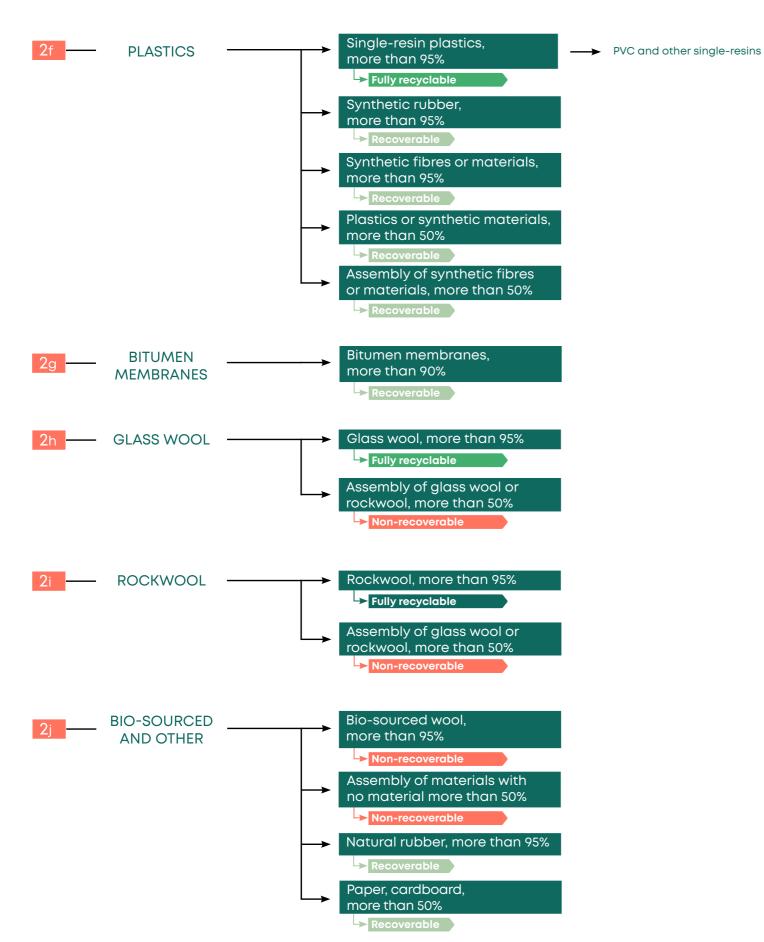
Identifying

the rate for each material



Identifying

the rate for each material



Eco-fee rate structure

This scale applies to category 2 building products and materials:

wood, metals, plastics, mineral wool, plaster and similar products, coatings/paints/varnishes/resins (decorative products) or other materials not listed in the other families in this category.

Reminder: the 2023 rate structure (in force since 1 May 2023) continues to apply to products and materials placed on the market up until 30 April 2024.

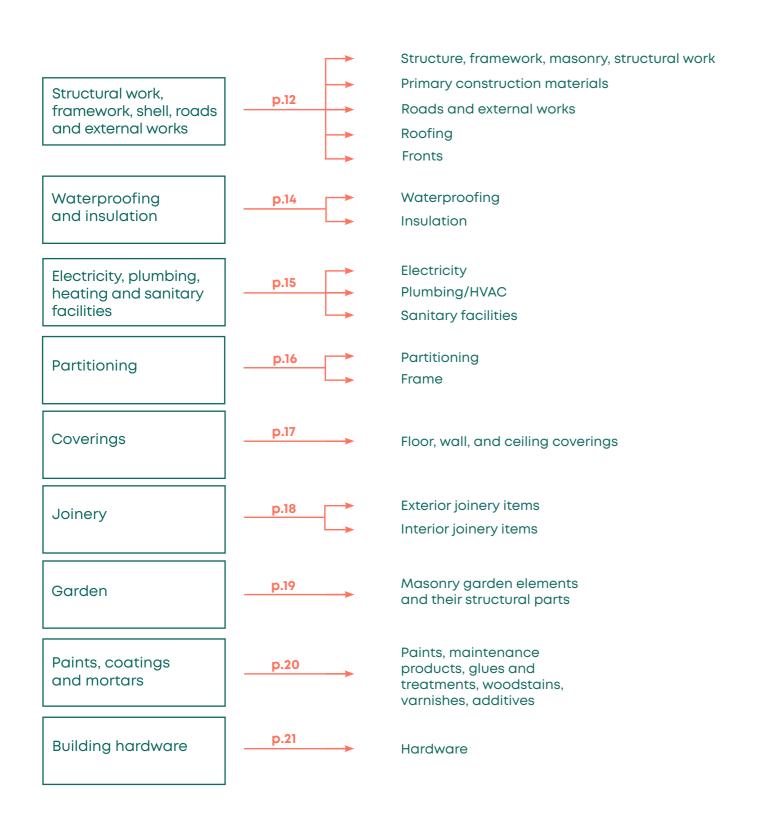
All the rates and codes for the various products and materials are available online, for application of the eco-fees, the main ones of which are presented below.



Rates

Presentation

Main rates by building lot and type of product.



RAT GR

Structural work, framework, shell, roads and external works Rates in € (excl. tax)

Rates applicable exclusively to single-material products, composed of more than 90 or 95% of the material concerned (excluding miscellaneous products and 50% materials). See the full list of rates.

The following table is used to convert from tonnes to cubic metres and vice versa:

Type of wood	Fresh wood density	Dry wood density
Softwood	534 kg/m³	500 kg/m³
Glued laminated timber - Glulam		500 kg/m³
CLT		540 kg/m³
Plywood - LVL	N/A	600 kg/m³
OSB		600 kg/m³
Chipboard		650 kg/m³
Hardwoods	800 kg/m³	700 kg/m³
MDF, HDF	N/A	730 kg/m³
Exotic wood	840 kg/m³	800 kg/m³

Products/Materials	Composition	Unit rate - in €/m³	
		Sustainable management	Other origins
Sawn products	Solid wood FRESH sawn > 20% moisture content	4.38	8.76
	Solid wood ROUGH DRY < 20% moisture content	4.90	9.80
	Solid wood DRY AND PLANED < 20% moisture content	5.50	11.00

Products/Materials	Composition	Unit rate - in €/t		Unit rate - equ	vivalent in €/m³
		Sustainable management	Other origins	Sustainable management	Other origins
	CLT Cross-Laminated Timber	11.8	23.6	6.37	12.74
Engineered wood	Glulam structural elements, glued laminated timber, butted or otherwise	11.8	23.6	5.9	11.8
	Laminated Veneer Lumber (LVL)	11.8	23.6	7.08	14.16

11

Structural work, framework, shell, roads and external works Rates in € (excl. tax)

Rates applicable exclusively to single-material products, composed of more than 90 or 95% of the material concerned (excluding miscellaneous products and 50% materials). See the full list of rates.

Products/Materials	Composition	Unit rate - in €/t		Composition Unit rate - in €/t Unit rate - equivalent in €/m³		
		Sustainable management	Other origins	Sustainable management	Other origins	
Plywood panels	Solid wood > 95%	11.8	23.6	7.08	14.16	
	Chipboard > 90%	14.75	29.5	9.59	19.18	
Wood-based panels	OSB > 90%	11.8	23.6	7.67	15.34	
	MDF and other wood-based boards > 90%		40.1		29.27	

Products/Materials	Composition	IRM bonus	Thickness	Unit rate - in €/m² (excl. tax)	
				Sustainable management	Other origins
		\bigcirc	≤ 10 mm	0.10	0.19
	Chiphogrd > 90%		10 mm < thickness ≤ 15 mm	0.13	0.25
	Chipboard > 90%	\bigcirc	15 mm < thickness ≤ 22 mm	0.18	0.36
			> 22 mm	0.27	0.54
	OSB board > 90%		≤ 10 mm	0.08	0.18
Wood			10 mm < thickness ≤ 15 mm	0.10	0.20
	OSB Board 790%		15 mm < thickness ≤ 22 mm	0.15	0.29
			> 22 mm	0.22	0.43
	MDF and other wood-based sheets > 90%		≤ 10 mm		0.29
			10 mm < thickness ≤ 15 mm		0.38
			15 mm < thickness ≤ 22 mm		0.56
			> 22 mm		0.82

Glossary:

t = tonne ml = linear metre

Structural work, framework, shell, roads and external works Rates in € (excl. tax)

Products/Materials	Composition	Unit rate - in €/t (excl. tax)
Metal	> 95%	2.00
Glass	> 95%	22.00
Plaster	> 95%	7.00
Plastic (single-resin)	> 95%	22.00
Synthetic rubber	> 95%	57.00
Bio-sourced materials	> 95%	8.00
Inert	> 90%	Ecominero rates

Products	Materials	Unit rate - in €/t (excl. tax)
Sandwich board	Metal	26.00
Sandwich board	Wood	46.00

Waterproofing, insulation Rates in € (excl. tax)

	WOOLS					BIO-SOURCED)		
Products/materials	Glass wool and rockwool Assembly o > 95% wool and ro						E	lio-sourced mate > 95%	rials
	€/t	€/m² thickness > 100 mm	€/m² thickness ≤ 100 mm	€/t	€/t	€/m² thickness > 100 mm	€/m² thickness ≤ 100 mm		
Wool, foam, insulating fibres	30.00	0.18	0.12	57.00	8.00	0.08	0.04		
Special insulation elements	33.00	0.10	0.12	37.00	0.00	0.00	0.04		

	PLASTIC	METAL	WOOD
Products/materials	Synthetic fibres or materials > 95%	Assembly with metal > 50%	Assembly with wood > 50%
		€/t	
Wool, foam, insulating fibres	36.00	25.00	40.10
Special insulation elements	35.00	25.00	40.10

	€/t	€/m²
Bitumen membranes	36.00	0.20

Electricity, heating, air conditioning, sanitary facilities Rates in € (excl. tax)

		METAL			PLASTICS		GL	ASS	BIO-SOURCED
SANITARY FACILITIES	Metal > 95%		Assembly with metal > 50%	Single-resin (excluding rubber) > 95%		Assembly > 50%	Glass > 95%		Bio-sourced materials > 95%
	€/unit	€/t	€/t	€/unit	€/t	€/t	€/unit	€/t	€/t
Sink, basin, washbasin (any size)	0.50			1.00		57.00	2.00	57.00	8.00
Shower trays	0.50			1.00					8.00
Bathtub	1.00			1.50					
Toilet and bidet	1.00	15.00	25.00	1.00	36.00				
Shower screen	0.25			0.50			1.30	57.00	
Shower cubicle	1.00			1.50			3.00	57.00	
Taps	0.25			0.50					

	META	L	PLAS	STICS			
ELECTRICITY, HEATING, AIR CONDITIONING	Metal > 95%	Assembly with metal > 50%	Single-resin (excluding rubber) > 95%	Assembly > 50%			
	€/t	€/t	€/t	€/t			
Air conditioning							
Central heating							
Telecommunication cabinet	-	25.00	36.00				
Electricity (sheathing and fixing, wires and cables)	15.00			57.00			
Fireplaces, non- electric stoves and woodburners							
Boilers							
		€/ur	nit				
Radiator	1.00						

Eligible for the Incorporation of Recycled Materials (IRM) bonus

Partitioning

Rates in € (excl. tax)

			PLAS		BIO-SOURCED METAL		ETAL		
Products/materials	> 95%			> 50%			> 95%	> 95%	Assembly > 50%
	€/m² thickness ≤ 13 mm	€/m² thickness > 13 mm	€/t	€/m² thickness ≤ 13 mm	€/m² thickness > 13 mm	€/t	€/t	€/t	€/t
Partitions	0.06	0.12	7.00	0.20	0.27	18.00	8.00	15.00	25.00

		WOOD									
Products/materials			Solid wood > 95%	ı		Q	<u>)</u>	Chipboard, O > 90%	hipboard, OSB > 90%		
	€/m² thickness ≤ 10 mm	€/m² thickness > 10 mm and ≤ 15 mm	€/m² thickness > 15 mm and ≤ 22 mm	€/m² thickness > 22 mm	€/t	€/m² thickness ≤ 10 mm	€/m² thickness > 10 mm and ≤ 15 mm	€/m² thickness > 15 mm and ≤ 22 mm	€/m² thickness > 22 mm	€/t	
Partitions (sustainable management)	0.06	0.08	0.11	0.17	11.80	0.10	0.13	0.18	0.27	14.75	
Partitions (other origins)	0.12	0.15	0.22	0.33	23.60	0.19	0.25	0.36	0.54	29.50	

		WOOD							
			MDF > 90%						
	€/m² thickness ≤ 10 mm	€/m² thickness > 10 mm and ≤ 15 mm	€/m² thickness > 15 mm and ≤ 22 mm	€/m² thickness > 22 mm	€/t				
Partitions	0.29	0.38	0.56	0.82	40.10				

	METAL						
Products/materials	> 95%	Assembly > 50%					
	€/t	€/t					
Suspended ceilings	15.00	25.00					
Frames		-5.00					

Floor, wall, and ceiling coverings Rates in € (excl. tax)

		WOOD									
Products/materials		Solid v > 95			Chipboo > 9	MDF, wood derivatives, wood assembly > 50%					
	Sustai manag	inable Jement	Other origins		Sustainable management	Other origins	/				
	€/m²	€/t	€/m²	€/t	€/t	€/t	€/m²	€/t			
Floor coverings	0.25	17.15	0.50	34.30	19.45	38.90	0.35	40.10			
Wall coverings	0.06	11.80	0.12	23.60	14.75	29.50	0.18	40.10			
Ceilings		17.15		34.30	19.45	38.90		53.20			
Various elements, incl. mouldings		11.80		23.60	14.75	29.50		40.10			

	METAL	BIO-SOURCED MATERIALS				PLASTIC			PLASTER
Products/materials	Metal > 95%	Bio-sourced materials > 95%		Paper, cardboard > 50%		Single-resin > 95%		Assembly > 50%	> 50%
	€/t	€/m²	€/t	€/m²	€/t	€/m²	€/t	€/t	€/t
Floor coverings			8.00			0.12	36.00	57.00	
Wall coverings	15.00	0.02		0.02	34.00				
Ceilings	15.00	0							
Various elements, incl. mouldings									18.00

		WOOD								
Products/materials			wood 95%			Chipbo > 9	MDF, wood derivatives, wood assembly > 50%			
	Sustai manag		Other origins		Sustainable management		Other origins		/	
	€/ml	€/t	€/ml	€/t	€/ml	€/t	€/ml	€/t	€/ml	€/t
Skirting boards	0.02	11.80	0.03	23.60	0.02	14.75	Ø 0.04	29.50	0.05	40.10

	METAL	BIO-SOURCED MATERIALS	PLASTICS Single-resin > 95%		
Products/materials	Metal > 95%	> 95%			
	€/t	€/t	€/ml	€/t	
Skirting boards	15.00	8.00	0.06	36.00	

Note: the rates for the 'Floors, Walls, Ceilings' category apply to products intended for indoor



Interior and exterior joinery items Rates in € (excl. tax)

	METAL	WOOD	PLASTIC	GLASS						
Products/materials (excluding window glazing)	Assembly > 50% metal	MDF, wood derivatives, wood assembly > 50%	Single-resin > 95%	> 95%						
		€/unit								
Complete staircase										
Complete windows and French windows										
Glazing only		2.00								
Door frame	0.08	0.17 *	0.17							
Non-cellular core door leaf	0.15	1.18 *	1.15	1.24						
Non-cellular core door leaf with > 50% glazing		1.44								
Cellular core door leaf		0.26								
Hatch unit	0.05	0.18	0.11							
Hinged shutter	1.00									
Roller shutter		1.50								

^{*} Door frames + leaf = door unit = €1.35/unit or €0.91 in sustainable management

Eligible for the Incorporation of Recycled Materials (IRM) bonus

	METAL	WOOD	PLASTIC	GLASS
	Metal > 95%	Solid wood > 95%	Single-resin > 95%	> 95%
	€/t			
Part of a staircase	15.00	23.60	36.00	37.50
Guardrail	13.00	23.00		

	METAL	WOOD	PLASTIC		
	> 95%	Solid wood > 95%	Plastic (single-resin) > 95%		
	€/ml				
Gates	0.38	0.39	0.70		

Gardening products Rates in € (excl. tax)

	ME	TAL	W	OOD	PLA:	STIC	BIO-SOURCED MATERIALS
Products/materials	> 95%	Assembly > 50% metal	Solid wood > 95%	MDF, wood derivatives, wood assembly > 50%	Plastic (single-resin) > 95%	Plastic assembly > 50%	Bio-sourced materials > 95%
	€/t						
Garden sheds, greenhouses, pergolas and verandas			34.30	53.20	36.00		
Decking, terrace laminate, terrace coverings	15.00	25.00	23.60	40.10	36.00	57.00	
Masonry fences and plot protection elements	15.00	20.00	23.60	40.10	36.00	0,,50	8.00
Swimming pools and pool accessories			34.30	53.20	57.00		

Paints, coatings and mortars Rates in € (excl. tax)

Only products not covered by the Specific Diffuse Waste (SDW) channel

Products/materials	€/t
Undercoats, floor preparations, and sealing elements	55.00
Exterior paints	71.00
Treatments for floors and roofs	12.00
Interior paints	71.00
Glues and adhesives	29.00
PU and expansive resins (aerosols)	40.00
PU sealants, seals, and foams	13.00
Additives	29.00
Treatments for wood	76.00
Material treatment (aerosol)	41.00
Treatments for non-wood materials	9.00
Varnishes and sealers and derivatives	70.00
Varnishes and sealers and their derivatives (aerosols)	41.00
Powder coatings	2.00
Paste coatings	5.00

21

Building Hardware Rates in € (excl. tax)

	METAL WOOD		PLASTIC		BIO-SOURCED MATERIALS		
Products/materials	1	etal 5%		mbly 0%	Plastic a		> 95%
	€/unit batch < 5 kg	€/t	€/unit batch < 1 kg	€/t	€/unit batch < 300 g	€/t	€/t
Hardware	0.04	15.00	0.03	34.30	0.02	57.00	8.00

Note: new 1 ct codes are also available for hardware by the unit or by batch for all families of building products and materials.

2024

simplified system (annual declaration) rates

Who can benefit?

Craftspeople, retailers and manufacturers with an annual turnover of less than €1 million for building-related products and materials that have not already been invoiced with an eco-fee can use the simplified annual declaration system.

Principle

This declaration is calculated on the basis of a percentage (excluding tax) of their sales of products subject to EPR (Extended Producer Responsibility) for the previous calendar year. This is a simplified system proposed by Ecomaison to make it easier for VSEs and SMEs to comply. Membership is essential for the issue of the Unique ID to be inserted in the GTCS and proof of the company's compliance in the event of an inspection.

Based on 2024 building sales of less than €1m excluding tax					
Activities	Percentage to be applied according to main activity				
Metalwork & Locks	0.01%				
Roofing					
Partition & Insulation					
Framework / Flooring / Interior & Exterior joinery					
Electricity / Plumbing / Heating	0.12%				
Paint / Wall covering / Surface treatment					
Other construction tasks (masonry, earthworks, tiling)					

How is marketing revenue calculated?

The revenue concerned corresponds to the manufacture of a product or material for use in the building industry that has not already been invoiced with an eco-fee. It is made up of two main components:

- · Purchases of raw materials, processed for implementation or into finished products;
- Manufacturing, installation or any other service related to the use of these elements on building sites.

On this basis, building activity sales (Y) are calculated as follows:

$$Y_{(\epsilon)} = X_{(\%) \times A} \qquad X = \frac{C}{B}$$

- TOTAL turnover (A)
- TOTAL PURCHASES (B)
- PURCHASES EXCLUDING ECO-FEE (C)

Calculation: example

You are a **joiner**

- Your total turnover A = 1,329,000 € excl. tax
- Your total purchases represent (with and without eco-fee) B = €578,000 excl. tax
- · Your purchases without eco-fee represent C = €120,000 excl. tax

$$X = \frac{120,000}{578,000} = 0.207 \text{ i.e. as a percentage} = 20.7\%$$

$$Y_{(e)} = 20.7_{(%)} \times = 1,329,000$$

 $Y_{(e)} = = 275,103$

This means that €275,103 (Y) is used as the basis for applying the % detailed in the table on page 21.

i.e. Y x 0.12% = amount of eco-fee to be paid = €330 excl. tax

Appendix: summary of eco-modulations

MATERIAL	Recyclability	Sustainable management	Incorporation of recycled material
Solid wood product, more than 95% by weight	- Fully recyclable: recyclability bonus - Bonus included in the rate using the Ecomaison code generator - Supporting documents: absence of recycling disruptors	- Possibility of a sustainable resource management bonus - Bonus included in the rate available via the Ecomaison code generator - Supporting documents: proof of sustainable resource management (PEFC/FSC certificate)	Not applicable
Product made from chipboard more than 90% by weight	- Mostly recyclable: recyclability bonus - Bonus included in the rate using the Ecomaison code generator - Supporting documents: absence of recycling disruptors	- Possibility of a sustainable resource management bonus - Bonus included in the rate using the Ecomaison code generator - Supporting documents: proof of sustainable resource management (PEFC/FSC certificate)	- Incorporation of at least 40% post-consumer recycled content from a holder listed by an eco-organisation - The recycled content is calculated for wood only Conditions: - No more than 0.1% of substances classified as SVHC under REACH or similar substances - The inclusion of recycled materials must not reduce the product's recyclability
Bio-sourced product, more than 95%	Not applicable	- Possibility of a sustainable resource management bonus - Bonus included in the rate using the Ecomaison code generator - Supporting documents: proof of sustainable resource management (bio-sourced origin certificate)	Not applicable
Product made from single-resin plastic, more than 95% by mass	- Fully recyclable: recyclability bonus - Bonus included in the rate available via the Ecomaison code generator - Supporting documents: absence of recycling disruptors	Not applicable	For PVC only: - Incorporation of at least 20% post-consumer recycled products or materials from a holder listed by an eco-organisation - The recycled content is calculated for PVC only
PVC windows	Not applicable	Not applicable	Conditions: - No more than 0.1% of substances classified as SVHC under REACH or similar substances - The inclusion of recycled materials must not reduce the product's recyclability
PU foam insulation product	Not applicable	Not applicable	- Incorporation of at least 70% post-consumer recycled products or materials from a holder listed by an eco-organisation - The recycled products or materials content is calculated for foam only Conditions: - No more than 0.1% of substances classified as SVHC under REACH or similar substances - The inclusion of recycled materials must not reduce the product's recyclability

Appendix: summary of eco-modulations

MATERIAL	Recyclability	Sustainable management	Incorporation of recycled material
Metal in rebar	Not applicable	Not applicable	- Incorporation of at least 90% recycled products or materials Conditions: - No more than 0.1% of substances classified as SVHC under REACH or similar substances - The inclusion of recycled materials must not reduce the product's recyclability

Please get in touch if you have any questions:

+33(0) 175 446 000*

(*Price of an international call)

contact@ecomaison.com

Keep up to date with the latest news and events at https://ecomaison.com/en/actualites and on X and LinkedIn





