

A2 Material and energy flows from manufacture of intermediate product

(• = obligatory in the background document)

1		Identification of the product	•
	1.1	Product name and manufacturer	
2		Free description regarding the shape, dimensions, size, density, colour, etc.	•
3		Give the applied period for material and energy flows and other information of manufacture. Give the explanation for the selected period when needed.	•
4		Give the material and energy flows of manufacture in items 5.2 - 5.6. The manufacture can mean here mining, quarrying or other procurement process of the raw material.	•
	4.1		
	4.2	Consumption of raw materials is given per mass of the product. The moisture content must be given as % from the dry matter.	
	4.3	Environmental impacts from the water supply are not taken into account according to the methodology. However, consumption of water is announced in the background report.	
		Consumption of water is given per mass of the product.	
	4.4	Environmental impacts from procurement and manufacture of by-products are not taken into account. However, the use of by-products is announced in the background report.	
		Amount is given per mass of the product. The moisture content must be given as % from the dry matter.	
	4.5	The production of additives is not taken into account in the calculation of the results for the environmental declaration if the amount of additives and their effect on the cumulative results is minor. However, the use of additives is announced in the background report.	
		Amount is given per mass of the product. The moisture content of the additive must be given and the quality and percentage of active agent when needed.	
	4.6	The production of subsidiary and packing materials is not taken into account in the calculation of the results for the environmental declaration if their amount and effect on the cumulative results is minor. However, the use of subsidiary and packing materials is announced in the background report.	
		Amount is given per mass of the product. The moisture content must be given as % from the dry matter.	
	4.7	The principles of allocation must be given when the material flows of the product are defined without a unambiguous physical basis in manufacture.	
	4.8	Quality and origin of the material flow data are described when the amount and quality of materials are not based on accounting by the product manufacturer. The conversion factors are described and justified if the initial data consists of volumes, units, etc.	
5			•

	5.1	Energy consumption is given per mass (tonn) of the product. Energy figures are given as consumed energy. <i>Primary energy resource consumption is given in the environmental declaration on the basis of consumed energy. The primary energy resource consumption should be primarily based on the eco-profiles of this methodology.</i>	
	5.2	The principles of allocation must be given when the energy flows of the product are defined without a unambiguous physical basis in manufacture.	
	5.3	Quality and origin of the fuel data are described when the amount and quality of fuels are not based on accounting by the product manufacturer.	
6.		Process waste and waste disposal	•
	6.1	Amount is given per mass of the product. <i>The methodology takes into account the waste but not waste disposal and its environmental impacts. However, the waste disposal is described here. Products or components which will be recycled are not considered as waste. The moisture content of the waste should be given when needed.</i>	
	6.2	The principles of allocation must be given when the amount of waste and emissions are defined for the product without a unambiguous physical basis in manufacture.	
	6.3	Quality and source of the data regarding the process waste and emissions are described when the data is not based on accounting by the product manufacturer. Measurement and calculation methods of process emissions are described if applied.	
7		Transport distance and means of transport are given for each raw material, subsidiary material, fuel, etc. <i>The eco-profiles of transport should be primarily based on the database of the methodology.</i>	•
	7.1		
	7.2	Quality and source of the data regarding the transport is described when the data is not based on accounting by the product manufacturer.	
8		The manufacturer gives an affirmation on the correctness of the manufacture data.	•