

Product environmental attributes - THE ECO DECLARATION The declaration may be published only when all rows and/or fields marked with an * are filled-in (n.a. for not applicable).

Additional information regarding each item may be found under P14.

Brand *	EPSON	Logo
Company name *	Seiko Epson Corporation	FDCON
Contact information *	EPSON Europe B.V. environment@epson.eu	EPSON EXCEED YOUR VISION
Internet site *	http://www.epson.com	
Additional information		

The company declares (based on product specification or test results based obtained from sample testing), that the product conforms to the statements given in this declaration.					
Type of product *	Large Format Printer (Ink-Jet)				
Commercial name *	-F2100				
Model number *					
Issue date *	June 19, 2018				
Intended market *	☐ Global 🗹 Europe 🗋 Asia,Pacific 🛛 🗋 Americas 📄 Other				
Additional information					

This is an uncontrolled copy when in printed form. Please refer to the contact information for the latest version.

Quality control			nt met
Item		Yes	No
QC1 *	The company enforces an internal quality control scheme to ensure the correctness of this eco declaration	\checkmark	
QC2 *	The company is a member of an eco declaration system that enforces regular independent quality control such as organized by IT-Företagen (see www.itecodeclaration.org).	\checkmark	

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Produc	t environmental attributes - Legal requirements	Requirement met		
ltem		Yes	No	n.a.
P1	Hazardous substances and preparations			
P1.1*	Products do not contain more than; 0.1% lead, 0.01% cadmium, 0.1% mercury, 0.1% hexavalent chromium, 0.1% polybrominated biphenyls (PBB) or 0.1% polybrominated diphenyl ethers (PBDE). (See legal reference and Note B1)	\checkmark		
P1.2*	Products do not contain Asbestos (see legal reference). Comment: Legal reference has no maximum concentration value.	\checkmark		
P1.3*	Products do not contain Ozone Depleting Substances: Chlorofluorocarbons (CFC), hydrobromofluorocarbons (HBFC), hydrochlorofluorcarbons (HCFC), Halons, carbontetrachloride, 1,1,1- trichloroethane, methyl bromide (see legal reference). Comment: Legal reference has no maximum concentration values.	\checkmark		
P1.4*	Products do not contain more than; 0.005% polychlorinated biphenyl (PCB), 0.005% polychlorinated terphenyl (PCT) in preparations (see legal reference).	\checkmark		
P1.5*	Products do not contain more than 0.1% short chain chloroparaffins (SCCP) with 10-13 carbon atoms in the chain containing at least 48% per mass of chlorine in the SCCP (see legal reference).	\checkmark		
P1.6*	Textile and leather parts with direct skin contact do not contain Tri-(2,3,-dibromopropyl)-phosphate (TRIS), Tris-(aziridinyl)-phosphineoxide (TEPA), polybrominated biphenyl (PBB) (see legal reference). Comment: Legal reference has no maximum concentration values.			 Image: A start of the start of
P1.7*	Textile and leather parts with direct skin contact do not contain more than 0.003% Azo colorants that split aromatic amines. (See legal reference and Note B1)			\checkmark
P1.8*	Wooden parts do not contain arsenic and chromium as a wood preservation treatment as well as pentachlorophenol and derivatives (see legal reference). Comment: Legal reference has no maximum concentration values.			\checkmark
P1.9*	Parts with direct and prolonged skin contact do not release nickel in concentrations above 0.5 microgram/cm2/week (see legal reference). Comment: Max limit in legal reference when tested according to EN1811:1998.			v
P1.10*	REACH Article 33 information about substances in articles is available at (add URL or mail contact): http://www.epson.com/	\checkmark		
P2 P2.1*	Batteries If the product contains a battery or an accumulator, it is labeled with the disposal symbol and if it contains more than 0.0005% of mercury (for button cells only) by weight, or more than 0.004% of lead, it shall be marked with the chemical symbol for the metal concerned, Hg or Pb. Information on proper disposal is	✓		
P2.2*	provided in user manual. (See legal reference) Button cells used in the product do not contain more than 2% by weight of mercury. Other batteries or accumulators do not contain more than 0.0005% of mercury or 0.002% of cadmium. (See legal reference)			
P2.3*	Batteries and accumulators are easily removable by either users or service providers (as dependent on the design of the product). Exception: Batteries that are permanently installed for safety, performance, medica or data integrity reasons do not have to be "easily removable". (See legal reference)			
P3	Safety, EMC connection to the telephone network and labeling			
P3.1*	The product complies with legally required safety standards as specified (see legal reference).	_		
P3.2*	The product complies with legally required standards for electromagnetic compatibility (see legal	 Image: A start of the start of		
P3.3*	If product is intended for connection to a public telecom network or contains a radio transmitter, it complies with legally required standards for radio and telecommunication devices (see legal reference).			\checkmark
P3.4*	The product is labeled to show conformance with applicable legal requirements (see legal reference).	\checkmark		
P4	Consumable materials			
P4.1*	If a photo conductor (drum, belt etc.) is used in the product, it does not contain cadmium max 0.01% (see legal reference and Note B1).			\checkmark
P4.2*	If ink/toner is used in the product, it does not contain cadmium max 0.1% by weight (see legal reference).	\checkmark		
P4.3*	If the ink/toner formulation/preparation is classified as hazardous according to applicable regulations, the product/packaging is adequately labeled and a Safety Data Sheet (SDS) in accordance with these requirements is available (see legal reference).	7		
P5	Product packaging			
P5.1*	Packaging and packaging components do not contain more than 0.01% lead, mercury, cadmium and hexavalent chromium by weight of these together.	\checkmark		
P5.2*	Plastic packaging material is marked according to ISO 11469 referring ISO 1043 (see legal reference).		\checkmark	
P5.3*	The product packaging material is free from ozone depleting substances as specified in the Montreal Protocol (see legal reference). Comment: Legal reference has no maximum concentration values.	\checkmark		

Note 1 Restriction applies to the homogeneous material, unless other specified and expressed in weight %. Annex B of ECMA-370 4th edition Amended, February 2010

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Product	t environmental attributes - Market requirements - Environmental conscious design	Require	ement	met		
Item	*=mandatory to fill in. Additional information regarding each item may be found under P14.	Yes	No	n.a.		
P6	Treatment information					
P6.1*	Information for recyclers/treatment facilities is available (see legal reference).	\checkmark				
P7	Design					
	Disassembly, recycling					
P7.1*	Parts that have to be treated separately are easily separable.	\checkmark				
P7.2*	Plastic materials in covers/housing have no surface coating.	\checkmark				
P7.3*	Plastic parts >100g consist of one material or of easily separable materials.					
P7.4*	Plastic parts >25g have material codes according to ISO 11469 referring ISO 1043.	\checkmark				
P7.5	Plastic parts are free from metal inlays or have inlays that can be removed with commonly available tools. \Box					
P7.6*	Labels are easily separable. (This requirement does not apply to safety/regulatory labels).	\checkmark				
	Product lifetime					
P7.7*	Upgrading can be done e.g. with processor, memory, cards or drives.			\checkmark		
P7.8*	Upgrading can be done using commonly available tools.			\checkmark		
P7.9.	Spare parts are available after end of production for: years					
P7.10	Service is available after end of production for: years					
	Material and substance requirements					
P7.11*	Product cover/housing material type:					
	Material type: ABS Material type: PS-HI Material type: POM					
P7.12	Electrical cable insulation materials of power cables are PVC free.					
P7.13	Electrical cable insulation materials of signal cables are PVC free.					
P7.14	All cover/housing plastic parts >25g are free from chlorine and bromine.					
P7.15	All printed circuit boards (without components) >25g are halogen free. as defined in IEC61249-2-21. (See No.	ote 🔲)				
P7.16	Flame retarded plastic parts >25g in covers / housings are marked according ISO 1043-4:					
	Marking:					
P7.17	Alt. 1					
	Chemical specifications of flame retardants in printed circuit boards >25g (without components):					
	TBBPA (additive) TBBPA Other; chemical CAS #:					
	Alt. 2 Chemical specifications of flame retardants in printed circuit boards (without components) >25g according					
	ISO 1043-4:					
P7.18	Alt. 1 Flame retarded plastic parts >25g contain the following flame retardant substances/preparations in					
	concentrations above 0.1%:					
	Comment: No legal limits exist, this is a market requirement.					
	1. Chemical name: CAS #: 2. Chemical name: CAS #:					
	3. Chemical name: CAS #: Alt. 2	_	_	_		
	Chemical specifications of flame retardants in plastic parts >25g according ISO 1043-4:					
P7.19	Plastic parts >25g are free from flame retardant substances/ preparations above 0.1% classified as R45,					
	R40, R46, R48, R50, R51, R53, R60, R61 and any combination of these (See Note B3)					
P7.20	Of total plastic parts weight >25g, recycled material content is %					
P7.20	Of total plastic parts weight >25g, biobased material content is %					
P7.22	Light sources are free from mercury.					
	If mercury is used specify: Number of lamps: and max. mercury content per lar mg					
P8	Batteries					
P8.1*	Battery chemical composition: Li					
P8.2	Batteries meet the requirements of the following voluntary program/s:					

Note B2: IEC61249-2--21 has maximum limits for chlorine and bromine but does not address fluorine, iodine and astatine which are included in the group of halogens.

Note B3: 'Starting from January 2009, Risk phrases can be replaced by Hazard phrases according to the Globally Harmonized System (GHS), mandatory by December 2010.

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Product	t environmental attril	outes - Market requi	rements (continue	ed)	Requirement n	net
Item					Yes No	n.a.
P9	Energy consumptio	n				
P9.1 For the product the following power levels or energy consumptions have been measured:						
Energy m	ode *	Power level at 100 V AC	Power level at 115 V AC	Power level at 230 VAC	Reference / Standard for energy modes and test method *	
Save 1		w	W	10 W	Based on SEIKO EPSON Standar	
Off 1		W	W	0.5 W	Based on SEIKO EPSON Standar	
		W	W	W		
		W	W	W		
		w	w	W		
		W	W	W		
charger p	power supply / lugged in the wall disconnected from	w	w	w		
PTEC * Typical E	nergy Consumption	W	W	W		
TEC * Typical E	nergy Consumption	kWh/week	kWh/wee	k kWh/we	ek	\checkmark
ETEC * Annual Ei	nergy Consumption	kWh/year	kWh/yea	r kWh/ye	ar	~
Display re	esolution * :	Megapixels				\checkmark
Print Spe	ed * :	Images per n	ninute			\checkmark
Default tir	me to enter energy sav	ve mode:	minutes			\checkmark
P9.2*	Information about the	e energy save functior	n is provided with t	he product		
P9.3*	The product meets th	ne energy requiremen	ts of the following	voluntary program/s	8:	
	ENERGY STAR®	version Ver2.0	Tier:	Product cate	gory:	
	Others specify:					
P10	Emissions					
	Noise emission - D	eclared according to I	SO 9296			
P10.1		ode description		Declared A-weighted	Declared A-weighted sound pressure level L _{pAm} (dB)	
				sound power level L _{WAd} (B)	Operator position Bystander positions	
					Desktop (only if product is not	
					or Deskside 🔲 operator attended)	
	Idle *	Idoling	3	В	dB	\checkmark
	Operation *	Operation	1	B	dB	
	Other mode			В	dB	4
	Measured according		ECMA-74			
		Other			-74 with L _{pAm} measurement distanc m)
P10.2	The product meets the	e acoustic noise requ	uirements of the fo	llowing voluntary pr	ogram/:	

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Produc	t environmental attributes - Market requirements (continued)	Require	ement	met		
Item		Yes	No	n.a.		
	Chemical emissions from printing products					
P10.3*	Test performed according to ECMA-328(ISO/IEC28360) standard, other specify: RAL-UZ171		\checkmark			
P10.4	Typical emission rate (print phase) is (mg/h):					
	Dust Ozone Styrene Benzene TVOC					
P10.5	Chemical emission requirements of the following voluntary program are met for :					
	Dust 🗌 Ozone Styrene 🗌					
	Benzene 🔲 TVOC 🗌					
	Electromagnetic emissions					
P10.6	Computer display meets the requirement for low frequency electromagnetic fields of the following voluntary					
	program/s:					
P11	Consumable materials for printing products					
P11.1*	A Safety Data Sheet (SDS) is available for the ink/toner preparation, even if not legally required (see P4.3).	\checkmark				
P11.2*	Paper containing post-consumer recycled fibers can be used, provided that it meets the requirements of		√			
	EN12281.					
P11.3*	2-sided (duplex) printing/copying is an integrated product function.		\checkmark			
P12	Ergonomics for computing products					
P12.1*	The display meets the ergonomic requirements of ISO 9241-307 for visual display technologies.					
P12.2*	The physical input device meets the requirements of ISO 9995 and ISO 9241-410.					
P13	Packaging and documentation					
P13.1*	Product packaging material type(s): Wood weight (kg) 33					
	Product packaging material type(s): Corrugated Fibreboard weight (kg) 9.5					
	Product packaging material type(s): Foamed PS weight (kg) 3.8					
P13.2*	Product plastic packaging is free from PVC.	\checkmark				
P13.3*	Specify media for user and product documentation (tick box):					
	Electronic Paper Other					
P13.4*	For paper user and product documentation, please specify contained percentage of post-consumer recycled	1				
	fiber 0 %					
P14	Additional information (See Note B4)	<u> </u>				
P7	Product main body is recyclable. Ostimulation of the should not include the should not incl					

Legal references Europe Annex B

Deference	Declaration item
Reference	Declaration item
2002/95/EC (ROHS Directive)	P1.1, P4.1
76/769/EEC (Marketing and Use Directive)	P1.6, P1.8, P4.2
amendment 89/677/EEC	P1.4
amendment 1999/77/EC	P1.2
amendment 2003/3/EC	P1.7
amendment 94/27/EEC	P1.9
Regulation (EC) No. 2037/2000, 2038/2000, 2039/2000	P1.3
Norwegian regulation relating to restrictions on the use	P1.5
of certain dangerous chemicals 20.12.2002	
2006/66/EC (Battery and accumulators Directive)	P2.1, P2.2, P2,3, P3.4, P8.1
2006/95/EC (Low Voltage Directive)	P3.1, 3.4
2004/108/EEC (New EMC Directive)	P3.2, 3.4
1999/5/EC (R&TTE Directive)	P3.3, 3.4
"REACH" Regulation (1907/2006), annex VII	P1.10
(EC) No.1272/2008 regulation on classification, labeling and	P4.3
packaging (CLP)	
REACH article 31, annex II	P4.3
2004/12/EC (Directive on packaging and packaging	P5.1
waste)	
(97/129/EC) (Commission Decision on Identification	P5.2
System for Packaging Materials	
2037/2000/EC Regulation on Substances that Deplete	P5.3
the Ozone Layer	
2002/96/EC (WEEE directive)	P3.4, P6.1
(EC) No.1272/2008 regulation on classification, labeling and	P7.19
packaging (CLP)	