



## *Environmental Product Declaration*

<b>Product</b>	Type of equipment	VVF21... VXF21...	
	Designation	Flanged seat valves	
	Product line	Acvatix™ valves	
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<b>Process control</b>	Siemens Schweiz AG, Building Technologies Group Gubelstrasss 22, CH-6301 Zug		
	Management system certified	since by	
	ISO 14001 (environment)	Dec.12,1997 BSI	
	ISO 9001 (quality)	May 30,1986 BSI	
<b>Product use</b>	Typical energy consumption per year	Not applicable	
	Maintenance	Maintenance-free	
<b>Risk of fire</b>	Fire protection according to	Not applicable	
	Fire load	Not applicable	
<b>Packaging</b>		Despatch packaging: Wooden palletes, cardboard	
	Notes on disposal	Easily recyclable	
<b>Materials</b>	VVF21..., VXF21... total weight	3,800 – 27,000 (*) g	
	Plastics	Polyethylene (protective cap and plug)	0 – 75 (only for transport) g
		EPDM (O-rings)	3.0 g
		PTFE (dirt wiper)	5.0 g
	Metals	Cast iron (valve body and blanking flange)	3,375 – 23,600 (89 ... 93%) g
		CrNi steel (stem)	85 – 215 (0.1 ... 2.5%) g
		Gun metal (plug DN 50 and DN 100)	415 – 1,800 (8 ... 9%) g
		Brass (packing and plug up to DN 40)	130 – 380 (3.5 ... 14.5%) g
		Steel (bolts and nuts)	170 – 450 (1.5 ... 3.5%) g
	PCB assembled	Not used	g

The total weight of a device may deviate from the total of the weights of all individual components due to rounding.

**Special Components** O-rings with silicon-free grease 6 (g)

Weights in brackets are already included in components declared under materials.

### Disposal



The flanged seat valves can be completely recycled as metal scrap.  
**Local and currently valid legislation must be observed!**

### Comments

**Materials:** All materials used by the flanged seat valves are environmentally compatible.

**Environmental benefits:** Due to their robust design, the flanged seat valves have an extremely long service life and are maintenance-free.

(\*)

Type reference	DN	Weight in g	Type reference	DN	Weight in g
VVF21.22	25	4,500	VXF21.22	25	3,800
VVF21.25-2.5	25	4,500	VXF21.25-2.5	25	3,800
VVF21.23	25	4,500	VXF21.23	25	3,800
VVF21.25-4	25	4,500	VXF21.25-4	25	3,800
VVF21.24	25	4,500	VXF21.24	25	3,800
VVF21.25-6.3	25	4,500	VXF21.25-6.3	25	3,800
VVF21.25	25	4,500	VXF21.25	25	3,800
VVF21.25-10	25	4,500	VXF21.25-10	25	3,800
VVF21.39	40	8,000	VXF21.39	40	6,600
VVF21.40-16	40	8,000	VXF21.40-16	40	6,600
VVF21.40	40	8,000	VXF21.40	40	6,600
VVF21.40-25	40	8,000	VXF21.40-25	40	6,600
VVF21.50	50	9,100	VXF21.50	50	7,600
VVF21.50-40	50	9,100	VXF21.50-40	50	7,600
VVF21.65	65	12,800	VXF21.65	65	11,700
VVF21.65-63	65	12,800	VXF21.65-63	65	11,700
VVF21.80	80	18,000	VXF21.80	80	16,200
VVF21.80-100	80	18,000	VXF21.80-100	80	16,200
VVF21.90	100	27,000	VXF21.90	100	23,000
VVF21.100-160	100	27,000	VXF21.100-160	100	23,000

**This declaration is for information purposes only**

This Environmental Product Declaration does not constitute a guarantee of the composition of a product, neither does it guarantee that the product will retain a particular composition for a particular period.

Siemens Schweiz AG, Building Technologies Group therefore does not assume liability for any error or for any consequences which may arise from the use of this information to the maximum extent under the law.

Please contact your local Siemens branch office to get further information on environmental aspects and disposal.