



## *Environmental Product Declaration*

<b>Product</b>	Type of equipment	<b>VVP45..N</b>	
	Designation	<b>Threaded valves</b>	
	Product line	<b>Acvatix™, Valves &amp; Actuators</b>	
<b>Process control</b>	Siemens AG Building Technologies Division Berliner Ring 23, D-76437 Rastatt		
	Management system certified	since	by
	ISO 14001 (environment)	<b>Dec. 12, 1997</b>	<b>BSI</b>
	ISO 9001 (quality)	<b>May 30, 1986</b>	<b>BSI</b>
<b>Product use</b>	Maintenance	<b>Not necessary</b>	
<b>Risk of fire</b>	Fire protection according to	<b>Not applicable</b>	
<b>Packaging</b>		Single packing	<b>20-PAP Corrugated board</b>
	Notes on disposal	<b>One-way, recyclable</b>	

<b>Materials</b>		Total weight of device	<b>375...870 g</b>
Plastics	PP – Polypropylene	Knob	<b>9 g</b>
	EPDM	O-ring	<b>3 g</b>
	PTFE	Bearing, disc	<b>4 g</b>
	Klinger Sil C-4300	(DN 25 only)	<b>5 g</b>
Metals	Bronze CuSn5Zn5Pb2-C (CC499K)	Valve body	<b>190...500 g</b>
	Brass	Packing box, seat, plug	<b>135...170 g</b>
	CrNi steel	Stem, spring	<b>35...75 g</b>
	Malleable cast iron	Union nut (DN 25 only)	<b>120 g</b>
Others	Loctite 270		<b>3 g</b>
	Silicone-based grease		<b>3 g</b>

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

## Disposal

The device should not be disposed of as unsorted municipal waste. The special treatment for specific components may be mandated by law or ecologically sensible.

**Observe all local and applicable laws!**

## Comments

The device is free from substances banned by the EU-Directive 2002/95/EC (RoHS) – under regard of exception:

Pb, Hg, Cr6+, PBB, PBDE: < 0.1 % by weight in homogeneous materials

Cd: < 0.01 % by weight in homogeneous materials

The device is halogen-free.

Type reference	Weight in g
VVP45.15-2.5N	375
VVP45.20-4N	500
VVP45.25-6.3N	870

### Legal disclaimer: 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 Switzerland Ltd. 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.