


DECLARATION OF PERFORMANCE

according to the Construction Products Regulation (EU) Nr. 307/2011

Picobells



1	Unique identification code of the product-type	Picobells KKSB 4 PE, C
2	Type, batch or serial number or any other marking to identify the construction product in accordance with Article 11 paragraph 4	Small wastewater treatment plant according to EN 12566-3: 2005 + A2: 2013. Type size / serial number of the system on the nameplate on the control cabinet.
3	Intended use or uses of the product as intended by the manufacturer in accordance with the applicable harmonized technical specification.	Small sewage treatment plant for up to 50 (people) Prefabricated and / or on-site assembled systems for treating domestic wastewater.
4	Name, registered trade name or registered trademark and contact address of the manufacturer in accordance with Article 11 (5)	Picobells GmbH Raiffeisenstraße 21 21762 Otterndorf www.picobells.de
5	System or systems for assessment and verification of constancy of performance (AVCP) in accordance with App. V	System 3

6	Notified Assessment Body: PIA Prüfinstitut für Abwassertechnik GmbH – NB 1739 Hergenrather Weg 30 52074 Aachen Report: PIA2013-188B18	
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7	Declared performance(s):		
	Main features	Performance	Harmonized technical specification
		COD 93,30 %	section 6.3 With a tested organic daily dirt load of BOD ₅ = 0.36 kg / d
		BOD ₅ 96,20 %	
		SS 96,70 %	
		NH ₄ -N --	
		tot-N --	
		tot-P --	
		Hydraulic feed 0,60 m ³ /d	
	Purification capacity:	4 PE (People)	
	Purification class:	C	
	Frequency of sludge removal:	0	
	Material:	Polyethylene	
	Purification process:	3 chamber fluidized bed process with preliminary and final clarification	
	Preliminary clarification:	2,10 m ³	
	Power consumption:	0,70 kWh/ d	section 6.7
	Stability:	passed	section 6.2.3
	Durability:	passed	section 6.5.5
	Watertightness:	passed	section 6.4.2
	Fire behavior:	Class E	section 6.6.3
	Released dangerous substances:	NPD	section 6.8

8 The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:
Managing partner and technical director

Otterndorf, 13.03.2020


Wilfried Köster


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7	Declared performance(s):																
	Main features	Performance															
		Harmonized technical specification															
		<table border="1"> <tr> <td>COD</td> <td>93,30 %</td> <td rowspan="7">section 6.3 With a tested organic daily dirt load of BOD₅ = 0.36 kg / d</td> </tr> <tr> <td>BOD₅</td> <td>96,20 %</td> </tr> <tr> <td>SS</td> <td>96,70 %</td> </tr> <tr> <td>NH₄-N</td> <td>--</td> </tr> <tr> <td>tot-N</td> <td>--</td> </tr> <tr> <td>tot-P</td> <td>--</td> </tr> <tr> <td>Hydraulic feed</td> <td>0,90 m³/d</td> </tr> </table>	COD	93,30 %	section 6.3 With a tested organic daily dirt load of BOD ₅ = 0.36 kg / d	BOD ₅	96,20 %	SS	96,70 %	NH ₄ -N	--	tot-N	--	tot-P	--	Hydraulic feed	0,90 m ³ /d
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	Purification capacity:	6 PE (People)															
	Purification class:	C															
	Frequency of sludge removal:	0															
	Material:	Polyethylene															
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	Power consumption:	1,20 KWh/ d	section 6.7														
	Stability:	passed	section 6.2.3														
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	Fire behavior:	Class E	section 6.6.3														
	Released dangerous substances:	NPD	section 6.8														

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	Otterndorf, 13.03.2020	 Wilfried Köster


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	SS 96,70 %	
	NH ₄ -N 78,60 %	
	tot-N 54,80 %	
	tot-P 44,00 %	
	Hydraulic feed 0,60 m ³ /d	
Purification capacity:	4 PE (People)	
Purification class:	D	
Frequency of sludge removal:	0	
Material:	Polyethylene	
Purification process:	3 chamber fluidized bed process with preliminary and final clarification	
Preliminary clarification:	2,10 m ³	
Power consumption:	0,70 KWh/ d	section 6.7
Stability:	passed	section 6.2.3
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Purification class:	C	
Frequency of sludge removal:	0	
Material:	Polyethylene	
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Purification capacity:	6 PE (People)	
Purification class:	C	
Frequency of sludge removal:	0	
Material:	Polyethylene	
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	NH ₄ -N --	
	tot-N --	
	tot-P --	
	Hydraulic feed 1,20 m ³ /d	
Purification capacity:	8 PE (People)	
Purification class:	C	
Frequency of sludge removal:	0	
Material:	Polyethylene	
Purification process:	3 chamber fluidized bed process with preliminary and final clarification	
Preliminary clarification:	2,80 m ³	
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Preliminary clarification:	4,20 m ³	
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4	Name, registered trade name or registered trademark and contact address of the manufacturer in accordance with Article 11 (5)	Picobells GmbH Raiffeisenstraße 21 21762 Otterndorf www.picobells.de
5	System or systems for assessment and verification of constancy of performance (AVCP) in accordance with App. V	System 3
6	Notified Assessment Body: PIA Prüfinstitut für Abwassertechnik GmbH – NB 1739 Hergenrather Weg 30 52074 Aachen Report: PIA2013-188B18	
7	Declared performance(s):	
	Main features	Performance
		Harmonized technical specification
		section 6.3
		With a tested organic daily dirt load of BOD ₅ = 0.36 kg / d
	COD	93,30 %
	BOD ₅	96,20 %
	SS	96,70 %
	NH ₄ -N	--
	tot-N	--
	tot-P	--
	Hydraulic feed	1,50 m ³ /d
	Purification capacity:	10 PE (People)
	Purification class:	C
	Frequency of sludge removal:	0
	Material:	Polyethylene
	Purification process:	3 chamber fluidized bed process with preliminary and final clarification
	Preliminary clarification:	4,20 m ³
	Power consumption:	1,20 kWh/ d
		section 6.7
	Stability:	passed
		section 6.2.3
	Durability:	passed
		section 6.5.5
	Watertightness:	passed
		section 6.4.2
	Fire behavior:	Class E
		section 6.6.3
	Released dangerous substances:	NPD
		section 6.8
8	The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.	
	Signed for and on behalf of the manufacturer by: Managing partner and technical director	
	Otterndorf, 13.03.2020	
	 Wilfried Köster	


DECLARATION OF PERFORMANCE

according to the Construction Products Regulation (EU) Nr. 307/2011

Picobells



1	Unique identification code of the product-type	Picobells 2 KKS B, 12 PE, C
2	Type, batch or serial number or any other marking to identify the construction product in accordance with Article 11 paragraph 4	Small wastewater treatment plant according to EN 12566-3: 2005 + A2: 2013. Type size / serial number of the system on the nameplate on the control cabinet.
3	Intended use or uses of the product as intended by the manufacturer in accordance with the applicable harmonized technical specification.	Small sewage treatment plant for up to 50 (people) Prefabricated and / or on-site assembled systems for treating domestic wastewater.
4	Name, registered trade name or registered trademark and contact address of the manufacturer in accordance with Article 11 (5)	Picobells GmbH Raiffeisenstraße 21 21762 Otterndorf www.picobells.de
5	System or systems for assessment and verification of constancy of performance (AVCP) in accordance with App. V	System 3

6	Notified Assessment Body: PIA Prüfinstitut für Abwassertechnik GmbH – NB 1739 Hergenrather Weg 30 52074 Aachen Report: PIA2013-188B18	
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7 Declared performance(s):		
Main features	Performance	Harmonized technical specification
	COD 93,30 %	section 6.3 With a tested organic daily dirt load of BOD ₅ = 0.36 kg / d
	BOD ₅ 96,20 %	
	SS 96,70 %	
	NH ₄ -N --	
	tot-N --	
	tot-P --	
	Hydraulic feed 1,80 m ³ /d	
Purification capacity:	12 PE (People)	
Purification class:	C	
Frequency of sludge removal:	0	
Material:	Polyethylene	
Purification process:	3 chamber fluidized bed process with preliminary and final clarification	
Preliminary clarification:	4,20 m ³	
Power consumption:	1,20 kWh/ d	section 6.7
Stability:	passed	section 6.2.3
Durability:	passed	section 6.5.5
Watertightness:	passed	section 6.4.2
Fire behavior:	Class E	section 6.6.3
Released dangerous substances:	NPD	section 6.8

8 The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:
Managing partner and technical director

Otterndorf, 13.03.2020


Wilfried Köster


DECLARATION OF PERFORMANCE

according to the Construction Products Regulation (EU) Nr. 307/2011


Picobells



1	Unique identification code of the product-type	Picobells 2 KKS B, 08 PE, D
2	Type, batch or serial number or any other marking to identify the construction product in accordance with Article 11 paragraph 4	Small wastewater treatment plant according to EN 12566-3: 2005 + A2: 2013. Type size / serial number of the system on the nameplate on the control cabinet.
3	Intended use or uses of the product as intended by the manufacturer in accordance with the applicable harmonized technical specification.	Small sewage treatment plant for up to 50 (people) Prefabricated and / or on-site assembled systems for treating domestic wastewater.
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6	Notified Assessment Body: PIA Prüfinstitut für Abwassertechnik GmbH – NB 1739 Hergenrather Weg 30 52074 Aachen Report: PIA2013-188B18	
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7 Declared performance(s):		
Main features	Performance	Harmonized technical specification
	COD 93,30 %	section 6.3 With a tested organic daily dirt load of BOD ₅ = 0.36 kg / d
	BOD ₅ 96,20 %	
	SS 96,70 %	
	NH ₄ -N 78,60 %	
	tot-N 54,80 %	
	tot-P 44,00 %	
	Hydraulic feed 1,20 m ³ /d	
Purification capacity:	8 PE (People)	
Purification class:	D	
Frequency of sludge removal:	0	
Material:	Polyethylene	
Purification process:	3 chamber fluidized bed process with preliminary and final clarification	
Preliminary clarification:	4,20 m ³	
Power consumption:	1,20 kWh/ d	section 6.7
Stability:	passed	section 6.2.3
Durability:	passed	section 6.5.5
Watertightness:	passed	section 6.4.2
Fire behavior:	Class E	section 6.6.3
Released dangerous substances:	NPD	section 6.8

8	The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.	
	Signed for and on behalf of the manufacturer by: Managing partner and technical director	
	Otterndorf, 13.03.2020	 Wilfried Köster


DECLARATION OF PERFORMANCE

according to the Construction Products Regulation (EU) Nr. 307/2011

Picobells



1	Unique identification code of the product-type	Picobells 2 KKS B, 10 PE, D
2	Type, batch or serial number or any other marking to identify the construction product in accordance with Article 11 paragraph 4	Small wastewater treatment plant according to EN 12566-3: 2005 + A2: 2013. Type size / serial number of the system on the nameplate on the control cabinet.
3	Intended use or uses of the product as intended by the manufacturer in accordance with the applicable harmonized technical specification.	Small sewage treatment plant for up to 50 (people) Prefabricated and / or on-site assembled systems for treating domestic wastewater.
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6	Notified Assessment Body: PIA Prüfinstitut für Abwassertechnik GmbH – NB 1739 Hergenrather Weg 30 52074 Aachen Report: PIA2013-188B18	
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7 Declared performance(s):		
Main features	Performance	Harmonized technical specification
	COD	93,30 %
	BOD ₅	96,20 %
	SS	96,70 %
	NH ₄ -N	78,60 %
	tot-N	54,80 %
	tot-P	44,00 %
	Hydraulic feed	1,50 m ³ /d
Purification capacity:	10 PE (People)	
Purification class:	D	
Frequency of sludge removal:	0	
Material:	Polyethylene	
Purification process:	3 chamber fluidized bed process with preliminary and final clarification	
Preliminary clarification:	4,20 m ³	
Power consumption:	1,20 kWh/ d	section 6.7
Stability:	passed	section 6.2.3
Durability:	passed	section 6.5.5
Watertightness:	passed	section 6.4.2
Fire behavior:	Class E	section 6.6.3
Released dangerous substances:	NPD	section 6.8

8 The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:
Managing partner and technical director

Otterndorf, 13.03.2020


Wilfried Köster


DECLARATION OF PERFORMANCE

according to the Construction Products Regulation (EU) Nr. 307/2011

Picobells



1	Unique identification code of the product-type	Picobells 2 KKS B, 12 PE, D
2	Type, batch or serial number or any other marking to identify the construction product in accordance with Article 11 paragraph 4	Small wastewater treatment plant according to EN 12566-3: 2005 + A2: 2013. Type size / serial number of the system on the nameplate on the control cabinet.
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7 Declared performance(s):		
Main features	Performance	Harmonized technical specification
	COD	93,30 %
	BOD ₅	96,20 %
	SS	96,70 %
	NH ₄ -N	78,60 %
	tot-N	54,80 %
	tot-P	44,00 %
	Hydraulic feed	1,80 m ³ /d
Purification capacity:	12 PE (People)	
Purification class:	D	
Frequency of sludge removal:	0	
Material:	Polyethylene	
Purification process:	3 chamber fluidized bed process with preliminary and final clarification	
Preliminary clarification:	4,20 m ³	
Power consumption:	1,20 kWh/ d	section 6.7
Stability:	passed	section 6.2.3
Durability:	passed	section 6.5.5
Watertightness:	passed	section 6.4.2
Fire behavior:	Class E	section 6.6.3
Released dangerous substances:	NPD	section 6.8

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Signed for and on behalf of the manufacturer by:
Managing partner and technical director

Otterndorf, 13.03.2020


Wilfried Köster


DECLARATION OF PERFORMANCE

according to the Construction Products Regulation (EU) Nr. 307/2011

Picobells



1	Unique identification code of the product-type	Picobells 2 MKSB 10 PE, C
2	Type, batch or serial number or any other marking to identify the construction product in accordance with Article 11 paragraph 4	Small wastewater treatment plant according to EN 12566-3: 2005 + A2: 2013. Type size / serial number of the system on the nameplate on the control cabinet.
3	Intended use or uses of the product as intended by the manufacturer in accordance with the applicable harmonized technical specification.	Small sewage treatment plant for up to 50 (people) Prefabricated and / or on-site assembled systems for treating domestic wastewater.
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6	Notified Assessment Body: PIA Prüfinstitut für Abwassertechnik GmbH – NB 1739 Hergenrather Weg 30 52074 Aachen Report: PIA2013-188B18	
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7	Declared performance(s):																
	Main features	Performance															
		Harmonized technical specification															
		<table border="1"> <tr> <td>COD</td> <td>93,30 %</td> <td rowspan="7">section 6.3 With a tested organic daily dirt load of BOD₅ = 0.36 kg / d</td> </tr> <tr> <td>BOD₅</td> <td>96,20 %</td> </tr> <tr> <td>SS</td> <td>96,70 %</td> </tr> <tr> <td>NH₄-N</td> <td>--</td> </tr> <tr> <td>tot-N</td> <td>--</td> </tr> <tr> <td>tot-P</td> <td>--</td> </tr> <tr> <td>Hydraulic feed</td> <td>1,50 m³/d</td> </tr> </table>	COD	93,30 %	section 6.3 With a tested organic daily dirt load of BOD ₅ = 0.36 kg / d	BOD ₅	96,20 %	SS	96,70 %	NH ₄ -N	--	tot-N	--	tot-P	--	Hydraulic feed	1,50 m ³ /d
COD	93,30 %	section 6.3 With a tested organic daily dirt load of BOD ₅ = 0.36 kg / d															
BOD ₅	96,20 %																
SS	96,70 %																
NH ₄ -N	--																
tot-N	--																
tot-P	--																
Hydraulic feed	1,50 m ³ /d																
	Purification capacity:	10 PE (People)															
	Purification class:	C															
	Frequency of sludge removal:	0															
	Material:	Polyethylene															
	Purification process:	3 chamber fluidized bed process with preliminary and final clarification															
	Preliminary clarification:	5,20 m ³															
	Power consumption:	1,20 kWh/ d	section 6.7														
	Stability:	passed	section 6.2.3														
	Durability:	passed	section 6.5.5														
	Watertightness:	passed	section 6.4.2														
	Fire behavior:	Class E	section 6.6.3														
	Released dangerous substances:	NPD	section 6.8														

8 The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:
Managing partner and technical director

Otterndorf, 13.03.2020


Wilfried Köster


DECLARATION OF PERFORMANCE

according to the Construction Products Regulation (EU) Nr. 307/2011

Picobells



1	Unique identification code of the product-type	Picobells 2 MKSB 12 PE, C
2	Type, batch or serial number or any other marking to identify the construction product in accordance with Article 11 paragraph 4	Small wastewater treatment plant according to EN 12566-3: 2005 + A2: 2013. Type size / serial number of the system on the nameplate on the control cabinet.
3	Intended use or uses of the product as intended by the manufacturer in accordance with the applicable harmonized technical specification.	Small sewage treatment plant for up to 50 (people) Prefabricated and / or on-site assembled systems for treating domestic wastewater.
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5	System or systems for assessment and verification of constancy of performance (AVCP) in accordance with App. V	System 3

6	Notified Assessment Body: PIA Prüfinstitut für Abwassertechnik GmbH – NB 1739 Hergenrather Weg 30 52074 Aachen Report: PIA2013-188B18	
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7	Declared performance(s):		
	Main features	Performance	Harmonized technical specification
		COD 93,30 %	section 6.3 With a tested organic daily dirt load of BOD ₅ = 0.36 kg / d
		BOD ₅ 96,20 %	
		SS 96,70 %	
		NH ₄ -N --	
		tot-N --	
		tot-P --	
		Hydraulic feed 1,80 m ³ /d	
	Purification capacity:	12 PE (People)	
	Purification class:	C	
	Frequency of sludge removal:	0	
	Material:	Polyethylene	
	Purification process:	3 chamber fluidized bed process with preliminary and final clarification	
	Preliminary clarification:	5,20 m ³	
	Power consumption:	1,20 kWh/ d	section 6.7
	Stability:	passed	section 6.2.3
	Durability:	passed	section 6.5.5
	Watertightness:	passed	section 6.4.2
	Fire behavior:	Class E	section 6.6.3
	Released dangerous substances:	NPD	section 6.8

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Signed for and on behalf of the manufacturer by:
Managing partner and technical director

Otterndorf, 13.03.2020


Wilfried Köster


DECLARATION OF PERFORMANCE

according to the Construction Products Regulation (EU) Nr. 307/2011

Picobells



1	Unique identification code of the product-type	Picobells 2 MKSB 14 PE, C
2	Type, batch or serial number or any other marking to identify the construction product in accordance with Article 11 paragraph 4	Small wastewater treatment plant according to EN 12566-3: 2005 + A2: 2013. Type size / serial number of the system on the nameplate on the control cabinet.
3	Intended use or uses of the product as intended by the manufacturer in accordance with the applicable harmonized technical specification.	Small sewage treatment plant for up to 50 (people) Prefabricated and / or on-site assembled systems for treating domestic wastewater.
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6	Notified Assessment Body: PIA Prüfinstitut für Abwassertechnik GmbH – NB 1739 Hergenrather Weg 30 52074 Aachen Report: PIA2013-188B18	
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7 Declared performance(s):		
Main features	Performance	Harmonized technical specification
	COD 93,30 %	section 6.3 With a tested organic daily dirt load of BOD ₅ = 0.36 kg / d
	BOD ₅ 96,20 %	
	SS 96,70 %	
	NH ₄ -N --	
	tot-N --	
	tot-P --	
	Hydraulic feed 2,10 m ³ /d	
Purification capacity:	14 PE (People)	
Purification class:	C	
Frequency of sludge removal:	0	
Material:	Polyethylene	
Purification process:	3 chamber fluidized bed process with preliminary and final clarification	
Preliminary clarification:	5,20 m ³	
Power consumption:	1,20 kWh/ d	section 6.7
Stability:	passed	section 6.2.3
Durability:	passed	section 6.5.5
Watertightness:	passed	section 6.4.2
Fire behavior:	Class E	section 6.6.3
Released dangerous substances:	NPD	section 6.8

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Signed for and on behalf of the manufacturer by:
Managing partner and technical director

Otterndorf, 13.03.2020


Wilfried Köster


DECLARATION OF PERFORMANCE

according to the Construction Products Regulation (EU) Nr. 307/2011

Picobells



1	Unique identification code of the product-type	Picobells 2 MKSB 16 PE, C
2	Type, batch or serial number or any other marking to identify the construction product in accordance with Article 11 paragraph 4	Small wastewater treatment plant according to EN 12566-3: 2005 + A2: 2013. Type size / serial number of the system on the nameplate on the control cabinet.
3	Intended use or uses of the product as intended by the manufacturer in accordance with the applicable harmonized technical specification.	Small sewage treatment plant for up to 50 (people) Prefabricated and / or on-site assembled systems for treating domestic wastewater.
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6	Notified Assessment Body: PIA Prüfinstitut für Abwassertechnik GmbH – NB 1739 Hergenrather Weg 30 52074 Aachen Report: PIA2013-188B18	
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7 Declared performance(s):		
Main features	Performance	Harmonized technical specification
	COD 93,30 %	section 6.3 With a tested organic daily dirt load of BOD ₅ = 0.36 kg / d
	BOD ₅ 96,20 %	
	SS 96,70 %	
	NH ₄ -N --	
	tot-N --	
	tot-P --	
	Hydraulic feed 2,40 m ³ /d	
Purification capacity:	16 PE (People)	
Purification class:	C	
Frequency of sludge removal:	0	
Material:	Polyethylene	
Purification process:	3 chamber fluidized bed process with preliminary and final clarification	
Preliminary clarification:	5,20 m ³	
Power consumption:	1,50 kWh/ d	section 6.7
Stability:	passed	section 6.2.3
Durability:	passed	section 6.5.5
Watertightness:	passed	section 6.4.2
Fire behavior:	Class E	section 6.6.3
Released dangerous substances:	NPD	section 6.8

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Managing partner and technical director

Otterndorf, 13.03.2020




Wilfried Köster

DECLARATION OF PERFORMANCE

according to the Construction Products Regulation (EU) Nr. 307/2011

Picobells



1	Unique identification code of the product-type	Picobells 2 MKSB 18 PE, C	
2	Type, batch or serial number or any other marking to identify the construction product in accordance with Article 11 paragraph 4	Small wastewater treatment plant according to EN 12566-3: 2005 + A2: 2013. Type size / serial number of the system on the nameplate on the control cabinet.	
3	Intended use or uses of the product as intended by the manufacturer in accordance with the applicable harmonized technical specification.	Small sewage treatment plant for up to 50 (people) Prefabricated and / or on-site assembled systems for treating domestic wastewater.	
4	Name, registered trade name or registered trademark and contact address of the manufacturer in accordance with Article 11 (5)	Picobells GmbH Raiffeisenstraße 21 21762 Otterndorf www.picobells.de	
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7	Declared performance(s):		
	Main features	Performance	Harmonized technical specification
		COD 93,30 %	section 6.3 With a tested organic daily dirt load of BOD ₅ = 0.36 kg / d
		BOD ₅ 96,20 %	
		SS 96,70 %	
		NH ₄ -N --	
		tot-N --	
		tot-P --	
		Hydraulic feed 2,70 m ³ /d	
	Purification capacity:	18 PE (People)	
	Purification class:	C	
	Frequency of sludge removal:	0	
	Material:	Polyethylene	
	Purification process:	3 chamber fluidized bed process with preliminary and final clarification	
	Preliminary clarification:	5,20 m ³	
	Power consumption:	1,50 KWh/ d	section 6.7
	Stability:	passed	section 6.2.3
	Durability:	passed	section 6.5.5
	Watertightness:	passed	section 6.4.2
	Fire behavior:	Class E	section 6.6.3
	Released dangerous substances:	NPD	section 6.8
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	Signed for and on behalf of the manufacturer by: Managing partner and technical director		
	Otterndorf, 13.03.2020		
		 Wilfried Köster	


DECLARATION OF PERFORMANCE

according to the Construction Products Regulation (EU) Nr. 307/2011

Picobells



1	Unique identification code of the product-type	Picobells 2 MKSB 10 PE, D
2	Type, batch or serial number or any other marking to identify the construction product in accordance with Article 11 paragraph 4	Small wastewater treatment plant according to EN 12566-3: 2005 + A2: 2013. Type size / serial number of the system on the nameplate on the control cabinet.
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6	Notified Assessment Body: PIA Prüfinstitut für Abwassertechnik GmbH – NB 1739 Hergenrather Weg 30 52074 Aachen Report: PIA2013-188B18	
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7 Declared performance(s):		
Main features	Performance	Harmonized technical specification
	COD 93,30 %	section 6.3 With a tested organic daily dirt load of BOD ₅ = 0.36 kg / d
	BOD ₅ 96,20 %	
	SS 96,70 %	
	NH ₄ -N 78,60 %	
	tot-N 54,80 %	
	tot-P 44,00 %	
	Hydraulic feed 1,50 m ³ /d	
Purification capacity:	10 PE (People)	
Purification class:	D	
Frequency of sludge removal:	0	
Material:	Polyethylene	
Purification process:	3 chamber fluidized bed process with preliminary and final clarification	
Preliminary clarification:	5,20 m ³	
Power consumption:	1,20 kWh/ d	section 6.7
Stability:	passed	section 6.2.3
Durability:	passed	section 6.5.5
Watertightness:	passed	section 6.4.2
Fire behavior:	Class E	section 6.6.3
Released dangerous substances:	NPD	section 6.8

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Otterndorf, 13.03.2020


Wilfried Köster


DECLARATION OF PERFORMANCE

according to the Construction Products Regulation (EU) Nr. 307/2011

Picobells



1	Unique identification code of the product-type	Picobells 2 MKSB 12 PE, D
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3	Intended use or uses of the product as intended by the manufacturer in accordance with the applicable harmonized technical specification.	Small sewage treatment plant for up to 50 (people) Prefabricated and / or on-site assembled systems for treating domestic wastewater.
4	Name, registered trade name or registered trademark and contact address of the manufacturer in accordance with Article 11 (5)	Picobells GmbH Raiffeisenstraße 21 21762 Otterndorf www.picobells.de
5	System or systems for assessment and verification of constancy of performance (AVCP) in accordance with App. V	System 3

6	Notified Assessment Body: PIA Prüfinstitut für Abwassertechnik GmbH – NB 1739 Hergenrather Weg 30 52074 Aachen Report: PIA2013-188B18	
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7 Declared performance(s):		
Main features	Performance	Harmonized technical specification
	COD	93,30 %
	BOD ₅	96,20 %
	SS	96,70 %
	NH ₄ -N	78,60 %
	tot-N	54,80 %
	tot-P	44,00 %
	Hydraulic feed	1,80 m ³ /d
Purification capacity:	12 PE (People)	
Purification class:	D	
Frequency of sludge removal:	0	
Material:	Polyethylene	
Purification process:	3 chamber fluidized bed process with preliminary and final clarification	
Preliminary clarification:	5,20 m ³	
Power consumption:	1,20 kWh/ d	section 6.7
Stability:	passed	section 6.2.3
Durability:	passed	section 6.5.5
Watertightness:	passed	section 6.4.2
Fire behavior:	Class E	section 6.6.3
Released dangerous substances:	NPD	section 6.8

8 The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:
Managing partner and technical director

Otterndorf, 13.03.2020


Wilfried Köster


DECLARATION OF PERFORMANCE

according to the Construction Products Regulation (EU) Nr. 307/2011

Picobells



1	Unique identification code of the product-type	Picobells 2 MKSB 14 PE, D
2	Type, batch or serial number or any other marking to identify the construction product in accordance with Article 11 paragraph 4	Small wastewater treatment plant according to EN 12566-3: 2005 + A2: 2013. Type size / serial number of the system on the nameplate on the control cabinet.
3	Intended use or uses of the product as intended by the manufacturer in accordance with the applicable harmonized technical specification.	Small sewage treatment plant for up to 50 (people) Prefabricated and / or on-site assembled systems for treating domestic wastewater.
4	Name, registered trade name or registered trademark and contact address of the manufacturer in accordance with Article 11 (5)	Picobells GmbH Raiffeisenstraße 21 21762 Otterndorf www.picobells.de
5	System or systems for assessment and verification of constancy of performance (AVCP) in accordance with App. V	System 3

6	Notified Assessment Body: PIA Prüfinstitut für Abwassertechnik GmbH – NB 1739 Hergenrather Weg 30 52074 Aachen Report: PIA2013-188B18	
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7 Declared performance(s):		
Main features	Performance	Harmonized technical specification
	COD 93,30 %	section 6.3 With a tested organic daily dirt load of BOD ₅ = 0.36 kg / d
	BOD ₅ 96,20 %	
	SS 96,70 %	
	NH ₄ -N 78,60 %	
	tot-N 54,80 %	
	tot-P 44,00 %	
	Hydraulic feed 2,10 m ³ /d	
Purification capacity:	14 PE (People)	
Purification class:	D	
Frequency of sludge removal:	0	
Material:	Polyethylene	
Purification process:	3 chamber fluidized bed process with preliminary and final clarification	
Preliminary clarification:	5,20 m ³	
Power consumption:	1,50 kWh/ d	section 6.7
Stability:	passed	section 6.2.3
Durability:	passed	section 6.5.5
Watertightness:	passed	section 6.4.2
Fire behavior:	Class E	section 6.6.3
Released dangerous substances:	NPD	section 6.8

8 The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:
Managing partner and technical director

Otterndorf, 13.03.2020


Wilfried Köster

DECLARATION OF PERFORMANCE

according to the Construction Products Regulation (EU) Nr. 307/2011

Picobells



1	Unique identification code of the product-type	Picobells 2 MKSB 16 PE, D
2	Type, batch or serial number or any other marking to identify the construction product in accordance with Article 11 paragraph 4	Small wastewater treatment plant according to EN 12566-3: 2005 + A2: 2013. Type size / serial number of the system on the nameplate on the control cabinet.
3	Intended use or uses of the product as intended by the manufacturer in accordance with the applicable harmonized technical specification.	Small sewage treatment plant for up to 50 (people) Prefabricated and / or on-site assembled systems for treating domestic wastewater.
4	Name, registered trade name or registered trademark and contact address of the manufacturer in accordance with Article 11 (5)	Picobells GmbH Raiffeisenstraße 21 21762 Otterndorf www.picobells.de
5	System or systems for assessment and verification of constancy of performance (AVCP) in accordance with App. V	System 3

6 Notified Assessment Body: PIA Prüfinstitut für Abwassertechnik GmbH – NB 1739
Hergenrather Weg 30 | 52074 Aachen | Report: PIA2013-188B18



7 Declared performance(s):

Main features	Performance	Harmonized technical specification
	COD 93,30 %	section 6.3 With a tested organic daily dirt load of BOD ₅ = 0.36 kg / d
	BOD ₅ 96,20 %	
	SS 96,70 %	
	NH ₄ -N 78,60 %	
	tot-N 54,80 %	
	tot-P 44,00 %	
	Hydraulic feed 2,40 m ³ /d	
Purification capacity:	16 PE (People)	
Purification class:	D	
Frequency of sludge removal:	0	
Material:	Polyethylene	
Purification process:	3 chamber fluidized bed process with preliminary and final clarification	
Preliminary clarification:	5,20 m ³	
Power consumption:	1,50 kWh/ d	section 6.7
Stability:	passed	section 6.2.3
Durability:	passed	section 6.5.5
Watertightness:	passed	section 6.4.2
Fire behavior:	Class E	section 6.6.3
Released dangerous substances:	NPD	section 6.8

8 The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:
Managing partner and technical director

Otterndorf, 13.03.2020

Wilfried Köster


DECLARATION OF PERFORMANCE

according to the Construction Products Regulation (EU) Nr. 307/2011

Picobells



1	Unique identification code of the product-type	Picobells 2 MKSB 18 PE, D
2	Type, batch or serial number or any other marking to identify the construction product in accordance with Article 11 paragraph 4	Small wastewater treatment plant according to EN 12566-3: 2005 + A2: 2013. Type size / serial number of the system on the nameplate on the control cabinet.
3	Intended use or uses of the product as intended by the manufacturer in accordance with the applicable harmonized technical specification.	Small sewage treatment plant for up to 50 (people) Prefabricated and / or on-site assembled systems for treating domestic wastewater.
4	Name, registered trade name or registered trademark and contact address of the manufacturer in accordance with Article 11 (5)	Picobells GmbH Raiffeisenstraße 21 21762 Otterndorf www.picobells.de
5	System or systems for assessment and verification of constancy of performance (AVCP) in accordance with App. V	System 3

6	Notified Assessment Body: PIA Prüfinstitut für Abwassertechnik GmbH – NB 1739 Hergenrather Weg 30 52074 Aachen Report: PIA2013-188B18	
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7 Declared performance(s):		
Main features	Performance	Harmonized technical specification
	COD	93,30 %
	BOD ₅	96,20 %
	SS	96,70 %
	NH ₄ -N	78,60 %
	tot-N	54,80 %
	tot-P	44,00 %
	Hydraulic feed	2,70 m ³ /d
Purification capacity:	18 PE (People)	
Purification class:	D	
Frequency of sludge removal:	0	
Material:	Polyethylene	
Purification process:	3 chamber fluidized bed process with preliminary and final clarification	
Preliminary clarification:	5,20 m ³	
Power consumption:	1,50 kWh/ d	section 6.7
Stability:	passed	section 6.2.3
Durability:	passed	section 6.5.5
Watertightness:	passed	section 6.4.2
Fire behavior:	Class E	section 6.6.3
Released dangerous substances:	NPD	section 6.8

8 The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:
Managing partner and technical director

Otterndorf, 13.03.2020


Wilfried Köster