

Declaration of Performance

No. 001

Reference:
Declaration of
Conformity

BLÜCHER[®]

A **WATTS** Brand

1. Construction product type:

Welded stainless steel pipes and fittings

2. Construction product identification:

BLÜCHER[®] EuroPipe OD40mm, OD50mm, OD75mm, OD82mm, OD110mm, OD125mm, OD160mm, OD200mm, OD250mm, OD315mm.

Type 811: Straight pipe with coupling

Type 801: Sealings

Type 820: 15° bends, 20° bends, 30° bends, 45° bends, 68° bends, 87.5° bends

Type 825: 45° long radius bend, 87.5° long radius bend

Type 821: 87.5° bends

Type 829: Branch 67.5°

Type 830: Branch 87.5°

Type 831: Double branch 87.5°

Type 832: Double branch 87.5°

Type 836: Double branch 45°

Type 837: Double branch 45°

Type 838: Branch 45°

Type 839: Swept branch 87.5°

Type 822: Bend 87.5° with access

Type 840: Pipe with access

Type 841: Double coupling

Type 842: Double slip coupling

Type 843: Expansion socket

Type 869: Expansion socket, long

Type 850: Reducer, increaser

Type 853: Adaptor

Type 803: Rubber insert

Type 891: Rat stop

Type 892: Rat stop

Type 525: Water trap

Type 847: Pipe joint clamp

Type 890: Saddle clamp

Type 860: Pipe hanger

Type 895: Pipe hanger

Type 844: Socket plug

Type 855: Toilet adaptor

Type 856: Toilet adaptor

Type 858: Toilet adaptor

3. The intended use(s) of the construction product:

Longitudinally welded stainless steel pipes and fittings with spigot end and socket for waste water systems.

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4. Manufacturer's name and address:

BLÜCHER Metal A/S
Pugdølvej 1
7480 Vildbjerg
DENMARK

5. Name and address of the authorised representative:

Not applicable

6. System(s) of assessment and verification of constancy of performance of the construction product (AVCP):

4

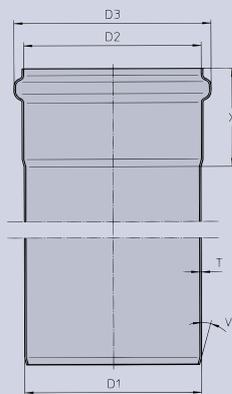
7. Where applicable notified authority's task(s):

Not applicable

8. Declared performance:

Essential characteristics	Requirement clauses in European Standard EN 1124	Performance	Harmonized technical specification
Pipe material		1.4301 (AISI 304) 1.4404 (AISI 316L)	EN 10088
Pipe dimensions	5	Pass See Table 1	EN 1124
Longitudinal bending strength	16	Pass	EN 1124
Reaction to fire	13	A1 - non-combustible to fire	EN 1124 Commission decision 96/603/EC
Tightness: gas and liquid	6.6, 7.2, 7.3 and 7.4	Pass See Table 2	EN 1124

Table 1



DIMENSIONS - COUPLING AND SPIGOT END						
Drainage pipes available in outer diameters 40, 50, 75, 82, 110, 125, 160, 200, 250 and 315mm						
D1	D2	D3	X	V	T	
40	41	52	47	20°	1	
50	51	61	47	20°	1	
75	76	87	55	20°	1	
82	83	94	57	20°	1	
110	111	123	62	20°	1	
125	126	140	65	20°	1	
160	161	177	78	20°	1.25	
200	201	219	98	20°	1.5	
250	251	277	116	20°	1.5	
315	316	344	126	20°	2	

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BLÜCHER® EuroPipe is developed and produced according to European standard EN 1124, following that, it is a vacuum and/or gravity system, not considered as a pressure carrying system. As BLÜCHER® EuroPipe has push fit joints, these can potentially slide apart if the system is pressurized.

To avoid incidents, BLÜCHER offers various clamps, all of these are physical restraints, designed to keep the joints in place during normal operation and/or to prevent the pipe joints from sliding apart even if an unexpected pressure increase from blockage, e.g. pipes clogging, causes temporary pressurization of the system.

Table 2

Pipe size	No clamp	847.xxx.xxx		847.001.xxx		Vacuum
		Std.	Dimples	Static	Peak	
Ø 40 mm	0,5	2,0	3,0	3,0	10,0	-0,85
Ø 50 mm	0,5	2,0	3,0	3,0	10,0	-0,85
Ø 75 mm	0,5	2,0	3,0	3,0	10,0	-0,85
Ø 82 mm	0,5	2,0	3,0	3,0	8,5	-0,60
Ø 110 mm	0,5	2,0	3,0	3,0	7,5	-0,60
Ø 125 mm	0,5	1,0	3,0	3,0	6,0	-0,60
Ø 160 mm	0,5	1,0	3,0	3,0	5,0	-0,60
Ø 200 mm	0,2	0,5	2,5	2,5	4,0	-0,60
Ø 250 mm	n/a	0,2	2,0	2,0	3,0	-0,60
Ø 315 mm	n/a	n/a	n/a	1,0	1,5	n/a

Depending on
pipehangers

in Bar (for psi * 14,5)

BLÜCHER® EuroPipe is a durable, longlasting, leak-free drainage pipework system and it can be operated on vacuum and/or gravity without queries.

9. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Vildbjerg, DK, June, 2021



Robin Street, Product Manager

BLÜCHER Metal A/S

Pugdølvej 1 · DK-7480 Vildbjerg · Tel. +45 99 92 08 00 · www.blucher.com · mail@blucher.com

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