

INSTRUCTIONS FOR REUSE

BLÜCHER® EuroPipe drain system

- designed for reuse



Background:

BLÜCHER pipes are a stainless steel drainage pipework system based on a spigot socket system, which makes separation for recycling possible. In cases where the pipes have been protected from pressure peaks, this is achieved through a clamp which can be removed using hand tools and reused.

Our pipe designs have remained unchanged since the EN1124 standard for pipe systems was published in 1999, which means that old pipes can be combined with new ones, e.g. in connection with alterations.

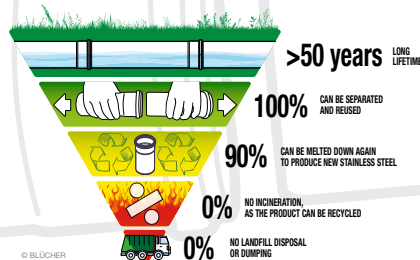


Identification:

All pipes and pipe components are identified with a durable label, which specifies the product's approvals and material quality. The pipes are supplied in the materials 'stainless steel AISI 304' (indicated by a red label) and 'acid-resistant AISI 316' (indicated by a green label).



Pipes dating from before 1999 have no colour-coded label, but the material quality is described in text on a label.

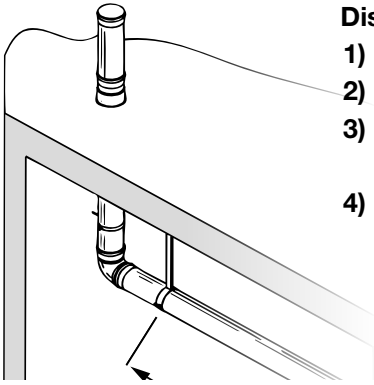


Find out more:
Reusing pipes

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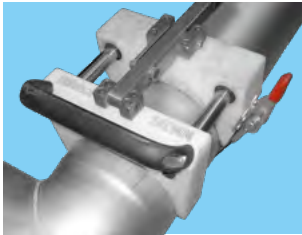
A WATTS Brand

DISMANTLING DOWNPIPES AND PIPES IN BUILDINGS



Dismantling downpipes and pipes in buildings:

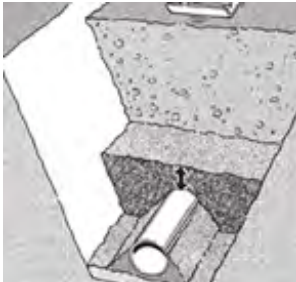
- 1) Release the pipes from the pipe clamp and separate at the socket joints.
- 2) Avoid damaging the socket grooves and the spigots during removal.
- 3) A combination of pulling and circular movement will make separation easier.
- 4) It will be easier to separate the pipes if a silicon-based lubricant (glidex) was used during installation.



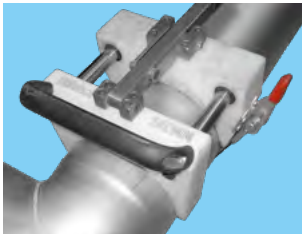
BLÜCHER tool for separating drains.

When dismantling larger diameter pipes, a BLÜCHER pipe assembly/ separation tool can be used.

IN THE CASE OF UNDERGROUND SEWER INSTALLATIONS, THE PIPES, WHICH ARE NORMALLY BURIED IN SAND, SHOULD BE UNCOVERED AND THEN SEPARATED.



Pipes installed underground.



A tool can also be used to separate the pipes in this case.

Labelling – pipes and fittings

EAN number	BLÜCHER number	BAR code
BLÜCHER: 820.045.050 S EAN: 5705499401318	BLÜCHER: 820.045.050 S	
AISI 316 L EN 1.4404	Ø 50 DN 50	05.08.20
Material	Dimension	Approval marks

MADE IN DENMARK

AS 3495
N.W.204 14.1/12-1811

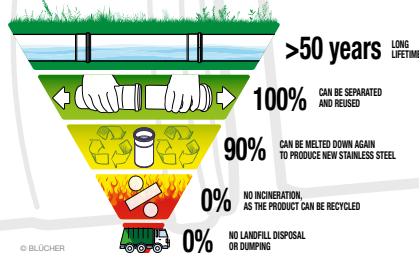
cUPC_®
ASME A112.3.1

Green label = AISI 316L, EN 1.4404

Red label = AISI 304, EN 1.4301

(AISI 316 steel quality is normally used for sewer pipes.)

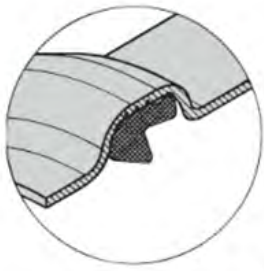
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PREPARATION



Socket grooves
and fitted
sealing rings.



801.EPDM.032
801.EPDM.040
801.EPDM.050
801.EPDM.075
801.EPDM.082
801.EPDM.110
801.EPDM.125
801.EPDM.160
801.EPDM.200
801.EPDM.250

*The last digit in the article
number indicates the pipe
dimension.*

Sealing rings must be removed from socket grooves and disposed of.
The separate sealing rings do not contain any harmful substances (REACH SVHC substances).
Socket grooves should be checked for damage and cleaned.

The pipework system must be checked for bulges. If the spigot is damaged, the damaged section can be cut off using a pipe cutter, and a new spigot created.
The pipework system must be cleaned and fitted with new sealing rings.
Sealing rings can be ordered from the nearest distributor using the article numbers.
Alternative sealing rings made from NBR must be used where oil may be present in the wastewater.
FPM sealing rings may also be supplied, but are only used very rarely in connection with steam/very high temperatures or if certain rare chemicals are present in the wastewater.

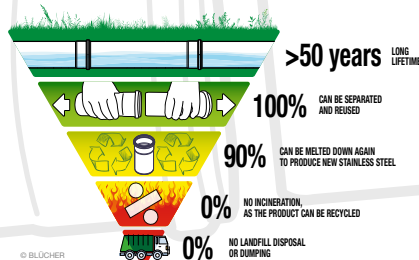
THE PIPES ARE THEN READY FOR REUSE

As our stainless steel pipes are dimensionally very stable and have a self-healing surface, it is very unlikely that there will be any leaks in the pipes if the socket groove and spigot are undamaged. A leakage test can therefore be performed in connection with leakage testing of the new pipe system where the pipes are to be installed.

Unlike other drainage and sewer pipes, BLÜCHER® EuroPipe uses no surface treatment, which could be damaged. Stainless steel also does not age in the same way as plastic products, for example, and the recycled pipes can therefore be expected to have the same lifetime as new products made from other materials.

RECYCLING

If, despite the possibility of reusing a stainless drainage system, it is decided to recycle a system, it will not be necessary to consider down-cycling or up-cycling. In principle, stainless steel can be used for new drains without any loss of the material's properties. In fact, over 90% of all stainless steel is already being recycled. Because of the high price of stainless steel, it is also profitable to recycle the material. Thus, recycling stainless steel will not be a socio-economic burden. However, it does create jobs and ensures that the stainless steel that BLÜCHER buys back contains up to 80% recycled stainless steel.



Find out more:
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