



SUSTAINABILITY DATA SHEET



316L STAINLESS STEEL
HARDWARE

LEED

LEED®
LEADERSHIP IN ENERGY ENVIRONMENTAL DESIGN

316L stainless steel products contribute to LEED credits.

REACH

pba has fully inventoried chemical ingredients to 100 ppm and assess each substance against the Authorization list - Annex XIV, the Restriction list - Annex XVII and the SVHC candidate list, proving that no such substance is included.

RED LIST FREE DECLARE LABEL

316L stainless steel products offer Red List Free Declare Label.



LOCKING AND NON-LOCKING PULLS, PULLS, LEVERS, MILLWORKPULLS, ACCESSORIES IN 316L STAINLESS STEEL

pba

Final Assembly: Tezze sul Brenta, Vicenza, Italy
Life Expectancy: 20 Year(s)
End of Life Options: Recyclable (100%)

Ingredients:

Stainless Steel AISI 316L; Stainless Steel AISI 316 AVZ (115Mn37); AVZ: 115Mn37; Aluminum EN AW 6063; Aluminum EN AW 6060; Aluminum; Brass; Polyamide 6; Nylon 6; Stainless Steel AISI 303; Stainless Steel; Stainless Steel AISI 304; Stainless Steel; Powder coat; Fatty acids, castor-oil, castor-oil-oxidized, dioxin, residues, esters with 1,3-butenediol; Barium sulfate; Titanium dioxide; N,N,N',N'-tetrakis(2-hydroxyethyl)hexane diamide

Living Building Challenge Criteria: Compliant

H3 Red List
■ LBC Red List Free
□ LBC Red List Approved
□ Declared

H4 Interior Performance: Not Applicable
H4 Responsible Sourcing: Not Applicable

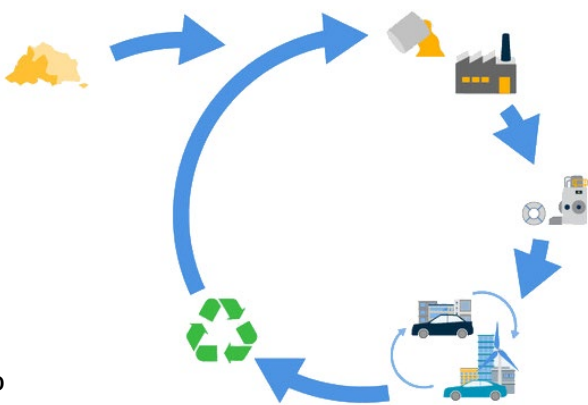
PBA-0003
EXP. 01 JUN 2024
Original Issue Date: 2021

WWW.PBA.IT
INTERNATIONAL LIVING FUTURE INSTITUTE™ livingfuture.org/declare

PERCENTAGE OF PRE-CONSUMER AND POST-CONSUMER FOR THE RECYCLED CONTENT

PRODUCTS FULLY RECYCLABLE AT THE END OF THEIR LIFE

VOCs



Pre consumer 2%
Post consumer 26%

316L stainless steel products have been designed and produced to be fully disassembled therefore 100% recyclable at the end of their life.



The 316L stainless steel products do not include integral organic based surface coatings, binders, or sealants. Therefore products are inherently non emitting sources of VOCs and are considered fully compliant.



316L stainless steel products contribute to LEED credits.

pba has fully inventoried chemical ingredients to 100 ppm and assess each substance against the Authorization list - Annex XIV, the Restriction list - Annex XVII and the SVHC candidate list, proving that no such substance is included.



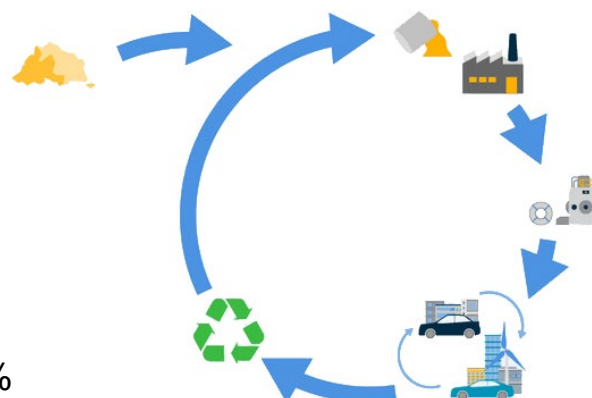
316L STAINLESS STEEL BATHWARE

RED LIST FREE DECLARE LABEL

316L stainless steel bathroom accessories and grab bars offer Red List Free Declare Label.



PERCENTAGE OF PRE-CONSUMER AND POST-CONSUMER FOR THE RECYCLED CONTENT



Pre consumer 2%
Post consumer 25%

PRODUCTS FULLY RECYCLABLE AT THE END OF THEIR LIFE

316L stainless steel products have been designed and produced to be fully disassembled therefore 100% recyclable at the end of their life.



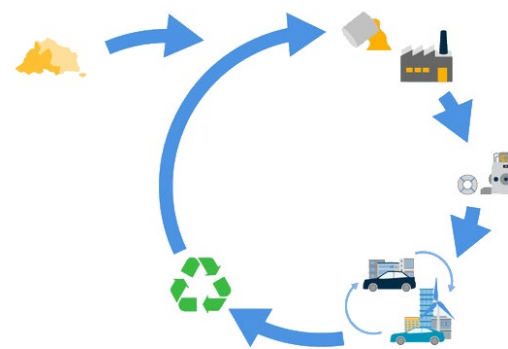
VOCs

The 316L stainless steel products do not include integral organic based surface coatings, binders, or sealants. Therefore products are inherently non emitting sources of VOCs and are considered fully compliant.



ECONYL® REGENERATED NYLON AND 316L STAINLESS STEEL HARDWARE

PERCENTAGE OF PRE-CONSUMER AND POST-CONSUMER FOR THE RECYCLED CONTENT

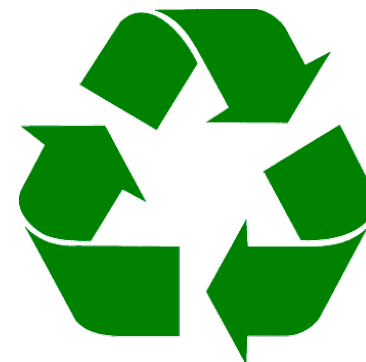


ECONYL® regenerated nylon
Pre consumer 50%
Post consumer 50%

Stainless steel 316L
Pre consumer 0%
Post consumer 25%

PRODUCTS FULLY RECYCLABLE AT THE END OF THEIR LIFE

ECONYL® regenerated nylon and 316L stainless steel products are made of fully recyclable 316L stainless steel and fully regenerated and fully recyclable ECONYL®. Products can be completely dismantled for recycling.



LEED



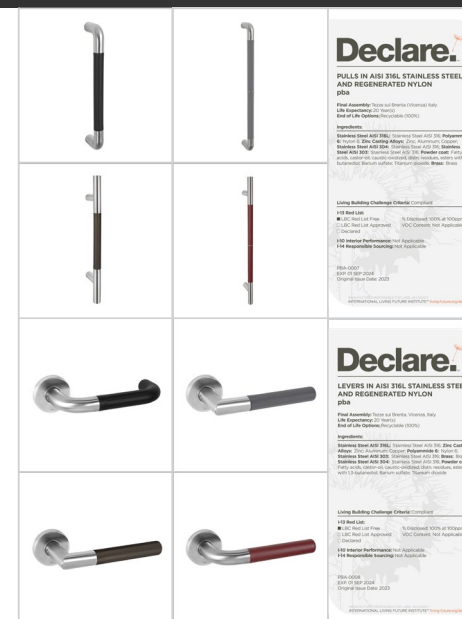
ECONYL® regenerated nylon and 316L stainless steel products contribute to LEED credits.

REACH

pba has fully inventoried chemical ingredients to 100 ppm and assess each substance against the Authorization list - Annex XIV, the Restriction list - Annex XVII and the SVHC candidate list, proving that no such substance is included.

RED LIST FREE DECLARE LABEL

ECONYL® regenerated nylon and 316L stainless steel products offer Red List Free Declare Label.



VOCs

The ECONYL® regenerated nylon and 316L stainless steel products do not include integral organic based surface coatings, binders, or sealants. Products are non emitting sources of VOCs and are considered fully compliant.



ALUMINUM
HARDWARE

LEED



Aluminum products contribute to LEED credits.

REACH

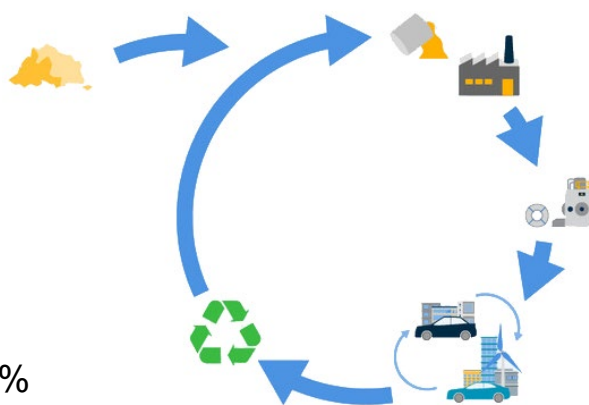
pba has fully inventoried chemical ingredients to 100 ppm and assess each substance against the Authorization list - Annex XIV, the Restriction list - Annex XVII and the SVHC candidate list, proving that no such substance is included.

RED LIST FREE DECLARE LABEL

Aluminum products offers Red List Free Declare Label.



PERCENTAGE OF PRE-CONSUMER AND POST-CONSUMER FOR THE RECYCLED CONTENT



Pre consumer 31%
Post consumer 55%

PRODUCTS FULLY RECYCLABLE AT THE END OF THEIR LIFE

Aluminum products have been designed and produced to be fully disassembled therefore 100% recyclable at the end of their life.



VOCs

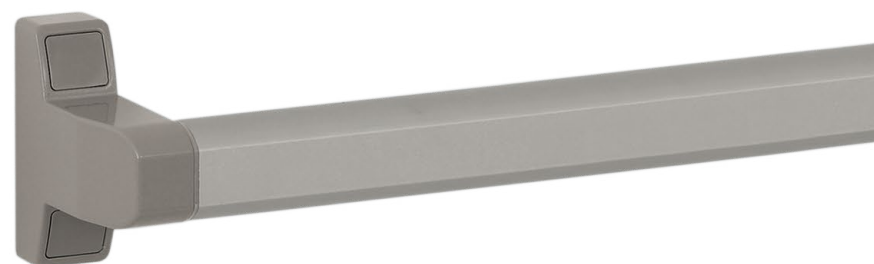
The Aluminum products do not include integral organic based surface coatings, binders, or sealants. Therefore products are inherently non emitting sources of VOCs and are considered fully compliant.



Aluminum products contribute to LEED credits.

REACH

pba has fully inventoried chemical ingredients to 100 ppm and assess each substance against the Authorization list - Annex XIV, the Restriction list - Annex XVII and the SVHC candidate list, proving that no such substance is included.



ALUMINUM BATHWARE

CYTOTOXICITY

CYTOTOXICITY TEST*



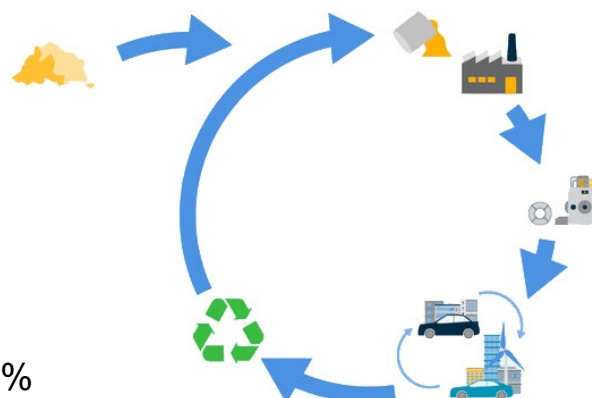
Cytotoxicity test to DIN EN ISO 10993-5

*aluminum

PERCENTAGE OF PRE-CONSUMER AND POST-CONSUMER FOR THE RECYCLED CONTENT



Pre consumer 31%
Post consumer 55%



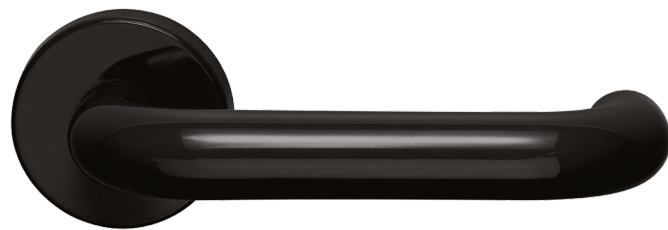
PRODUCTS FULLY RECYCLABLE AT THE END OF THEIR LIFE

Aluminum products have been designed and produced to be fully disassembled therefore 100% recyclable at the end of their life.






VOCs

The Aluminum products do not include integral organic based surface coatings, binders, or sealants. Therefore products are inherently non emitting sources of VOCs and are considered fully compliant.



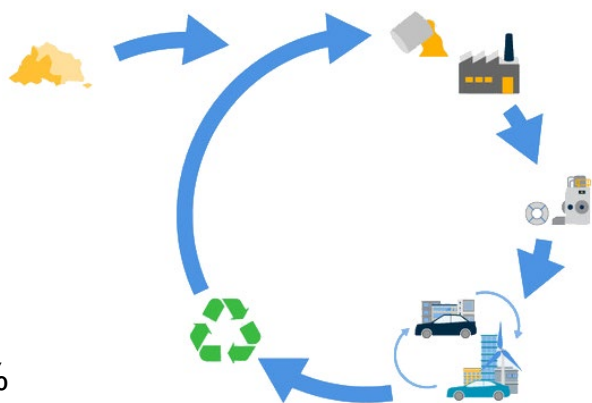
POLYAMIDE 6
HARDWARE

LEED	REACH
<div><p>Polyamide 6 products contribute to LEED credits.</p></div>	<p>pba has fully inventoried chemical ingredients to 100 ppm and assess each substance against the Authorization list - Annex XIV, the Restriction list - Annex XVII and the SVHC candidate list, proving that no such substance is included.</p>
CYTOTOXICITY	
<p>CYTOTOXICITY TEST</p> <div></div> <p>Cytotoxicity test to DIN EN ISO 10993-5</p>	
VOCs	
<div></div> <p>pba washroom accessories has been tested for emission of volatile organic compounds (VOC) using testing chamber method in accordance with UNI EN ISO 16000-9:2006.</p>	

PERCENTAGE OF PRE-CONSUMER AND
POST-CONSUMER FOR THE RECYCLED CONTENT



Pre consumer 3%
Post consumer 8%




PRODUCTS FULLY RECYCLABLE
AT THE END OF THEIR LIFE

Polyamide 6 products have been designed and produced to be fully disassembled therefore 100% recyclable at the end of their life.





LEED



LEED®
LEADERSHIP IN ENERGY ENVIRONMENTAL DESIGN

Polyamide 6 products contribute to LEED credits.

REACH

pba has fully inventoried chemical ingredients to 100 ppm and assess each substance against the Authorization list - Annex XIV, the Restriction list - Annex XVII and the SVHC candidate list, proving that no such substance is included.









POLYAMIDE 6 BATHWARE

RED LIST FREE DECLARE LABEL

Polyamide 6 grab bars offer Red List Free Declare Label.








PERCENTAGE OF PRE-CONSUMER AND POST-CONSUMER FOR THE RECYCLED CONTENT

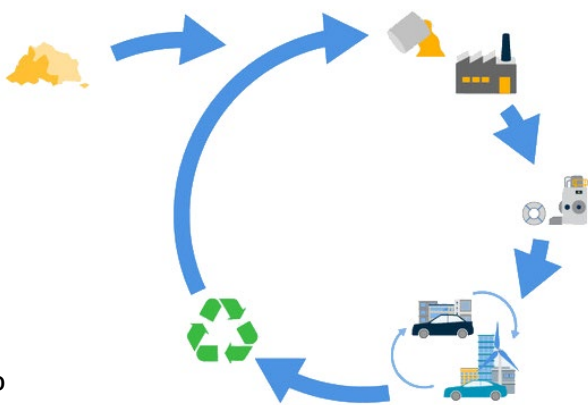
PRODUCTS FULLY RECYCLABLE AT THE END OF THEIR LIFE

VOCs

CYTOTOXICITY



Recycled Content



Pre consumer 9%
Post consumer 28%

Polyamide 6 products have been designed and produced to be recyclable at the end of their life.





ISTITUTO GIORDANO

Polyamide 6 products have been tested for emission of volatile organic compounds (VOC) using testing chamber method in accordance with UNI EN ISO 16000-9:2006.

CYTOTOXICITY TEST



BIOSERV

Cytotoxicity test to DIN EN ISO 10993-5