



PURITY®

R
REYNAERS
aluminium

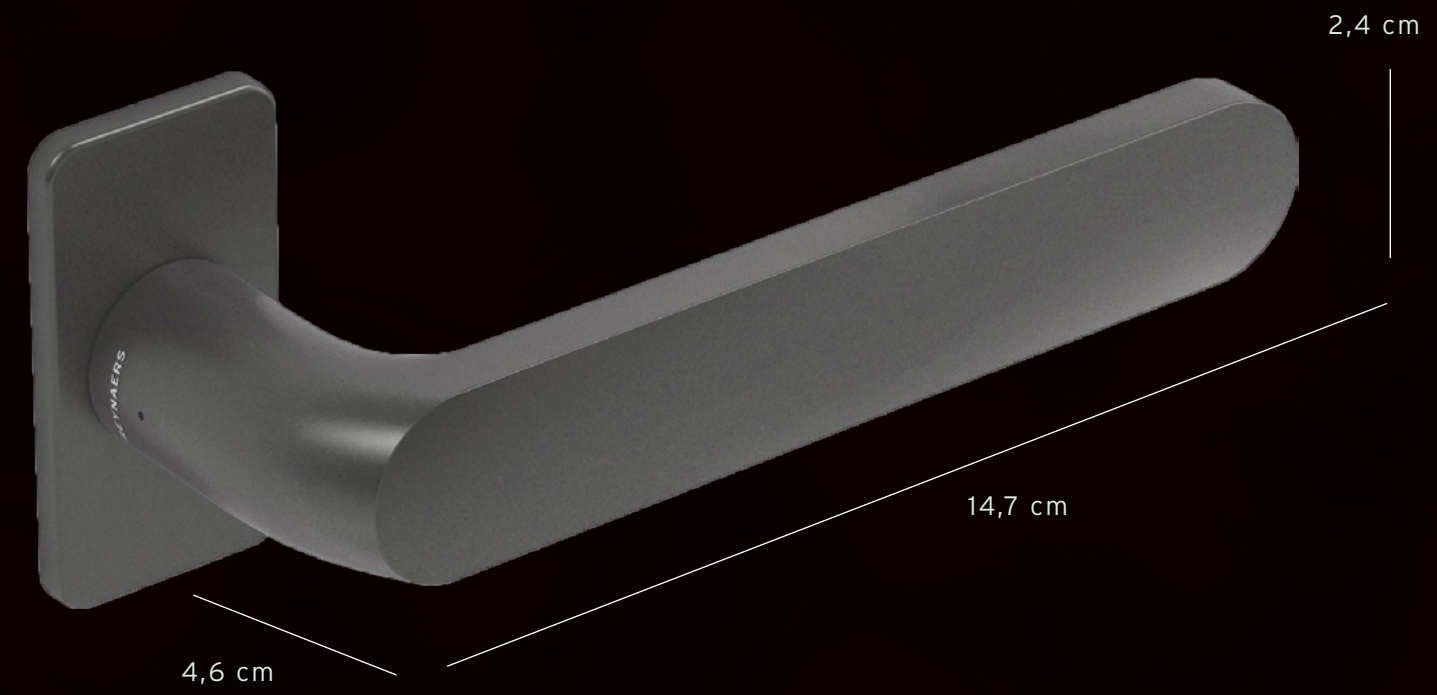
MEET PURITY®

Reynaers is proud to present
a brand new range of handles.

For the people that crave the feeling of top quality and style for their windows and doors, we have created a unique Reynaers handle series called **PURITY**.

In order to offer a complete range of solutions, Reynaers has made sure that **PURITY** handles can be used for most opening types, including standard windows, doors, sliding and lift & slide doors.

Step inside, discover our new handles and learn all about our exclusive new product and its production process.



100% Reynaers
100% Ecologic

100% Recyclable
100% Non-corrosive

100% Anti-allergic
100% Exclusive

INSPIRED BY VENETIAN STYLE

For the design and development of **PURITY**, Reynaers joined forces with the Venetian Italian Designer Leo De Carlo, who has worked for Philippe Starck's agency in Paris for several years.

As a result of this collaboration we can proudly introduce you to a minimal, classical and rational design, able to satisfy two main purposes:

- 1) to give a unique touch of style to the Reynaers systems that will make the daily use of our windows and doors a sheer pleasure.
- 2) to provide the market with a groundbreaking proposition for handles in terms of material, production, assembly and modularity.



Watch the **PURITY** Film now at www.reynaersdesignhandles.com

IT'S A 100% GREEN HANDLE

PURITY handles are made of a brand new material, **Pura™***, for which Reynaers has obtained world exclusivity in usage for handles.

The combination of the Alloy and the treatment surface brings many advantages:

- 100% ecologic and recyclable
- Extreme corrosion resistance, (DIN EN 1906 corrosion resistance grade 4)
- Hypoallergenic (0% PB, 0% Ni, 0% Si, 0% Cd, 0% Sn, 0% Fe)
- The PURA alloy is an alternative to stainless steel, the stress resistance (mechanical properties) is situated between stainless steel and brass.
- The PURA alloy can be used in hot stamping process to increase the freedom of design, the quality and the durability of the product.

Furthermore, thanks to its extraordinary durability, **PURITY** will maintain its original state for years. **PURITY** can be easily cleaned with 100% natural resources. For instance, a bit of vinegar on a tissue is all you need to clean and maintain your **PURITY** handles.

*In collaboration with ENTECH srl



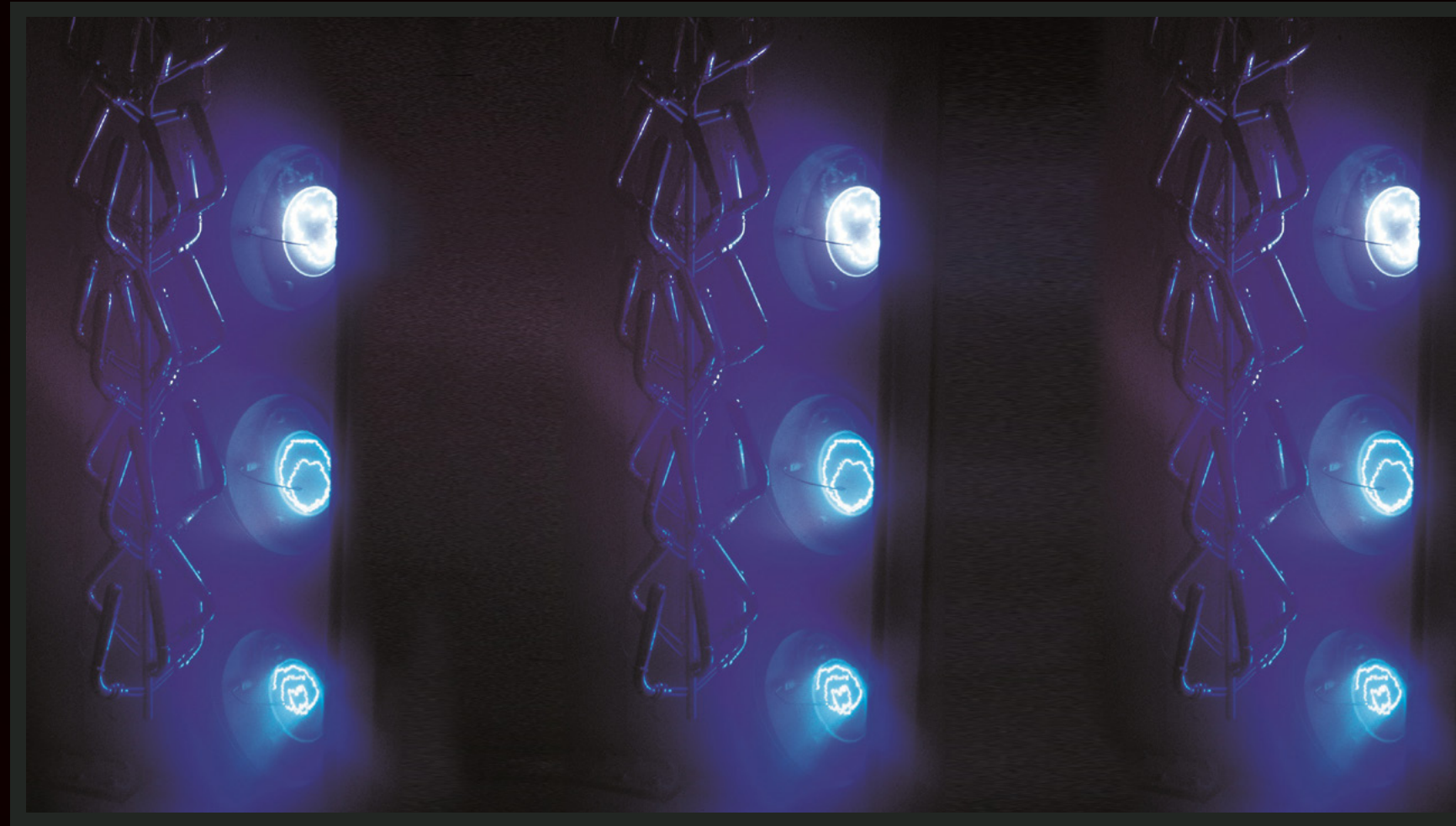
GROUNDBREAKING COATING PROCESS

From the space industry to the automotive and now on your handle...

The coating process used for **PURITY** is unique. It is based on PVD, Physical Vapor Deposition, the predecessor of the technology that is used today for the coating of your Purity handle. PVD was invented 50 years ago and at the beginning was used by space industry to increase the resistance of the materials to be exposed in space. PVD today is also used by the automotive industry to increase the resistance of engine parts.

Today, Reynaers is using for the coating of **PURITY** a whole new production process, Named **BIOV™***, " Bioecologic Ion Overlay ". BIOV is the evolution of PVD, taking away the galvanic chrome, increasing the wear resistance and providing no limitation to metal colour tone.

*In collaboration with ENTECH srl



Interior view of BIOV Capsule

BIOV™

BIOV process finishing is based on the deposition of gaseous metal ions, applied under vacuum. The process of the finishing and the finishing itself are 100% ecologic, leaving no toxic waste to the air or water. The finishing does not require any galvanic chrome base to increase the wear resistance. The hardness, however, is two to three times more than a normal treatment (hardness: HV2500/3000 Vickers). The BIOV™ treatment is as resistant to corrosion as high quality stainless steel (> 3000 hours salt spray (ISO9227-ASTMB117-DIN50021)).

BIOV™ coating provides **PURITY** with unique features, such as high surface hardness, high durability and mechanical, UV (more than 2400 hours (UNI9397)), solvent, acids and alkali resistance.

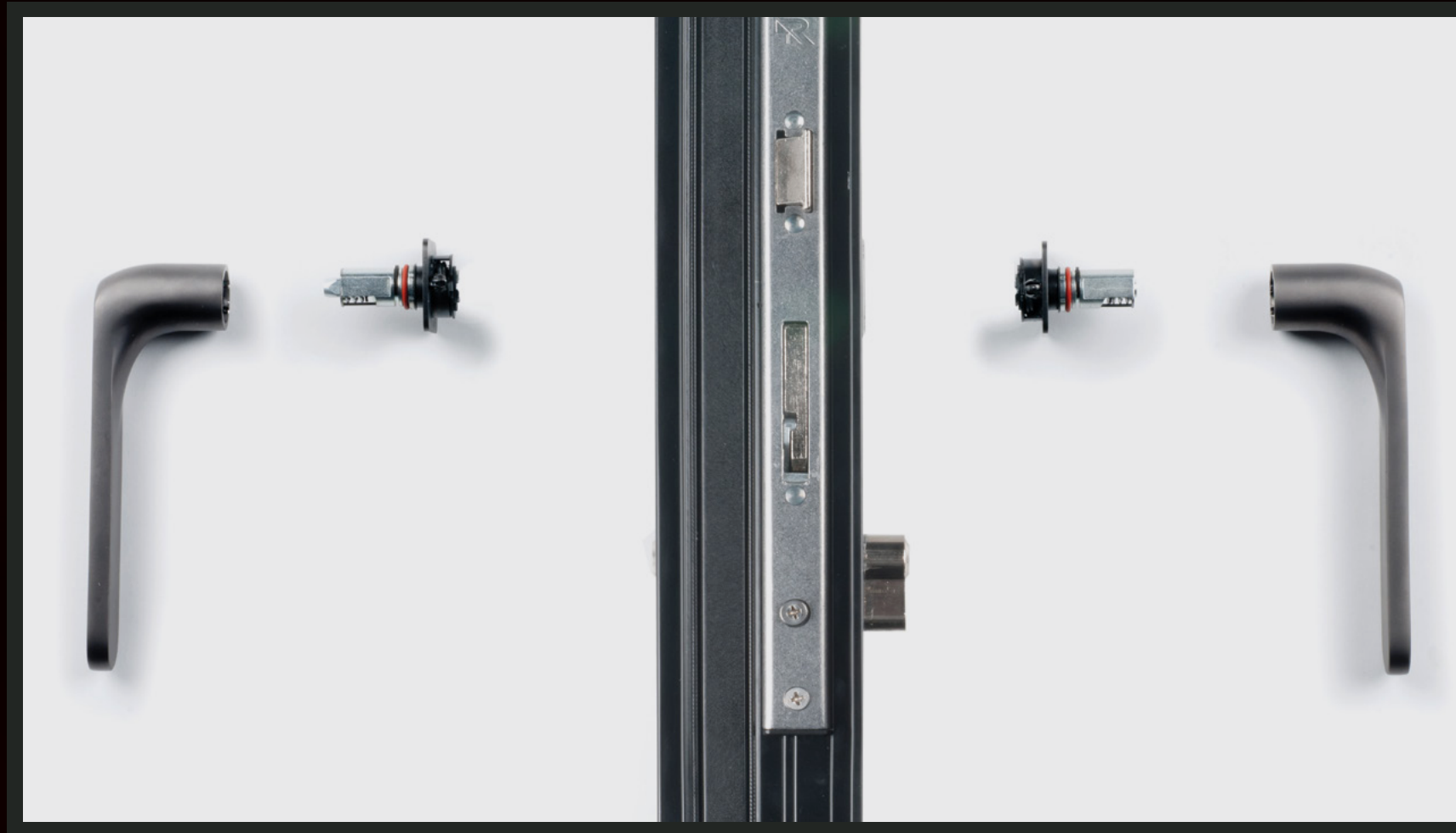
EASY TO INSTALL

The **PURITY** handle is not only unique for its special essence, material and manufacturing process. We also provided the handle with its own unique new-generation mechanism, named **Cliq-Claq™***

The Cliq-claq™ mechanism is a revolution on its own. It simply slides over the square spindle of the doors or windows, and then snaps into place. For final fixation, pressure screws are applied.

Consequently, it ensures stronger fixation, and allows the handle to come back to the perfect position.

*In collaboration with ENTECH srl



CLIQALC®



PURITY TYPES

WINDOW

DESIGN



061.7100.PC
061.7124.PC
061.7126.--

COMFORT

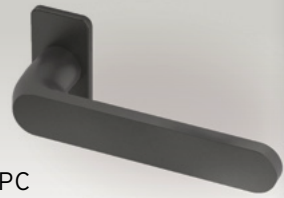


061.7110.PC
061.7124.PC
061.7126.--

14.7 cm 2.4 cm 4.6 cm

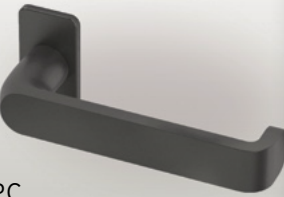
DOOR

DESIGN



061.7100.PC
061.7124.PC
061.7125.--

COMFORT



061.7110.PC
061.7124.PC
061.7125.--

14.7 cm 2.4 cm 4.6 cm

SLIDING

DESIGN



061.7100.PC
061.7124.PC
061.7126.--

COMFORT



061.7110.PC
061.7124.PC
061.7126.--

14.7 cm 2.4 cm 4.6 cm

LIFT AND SLIDE

DESIGN



061.7105.PC
(with cylinder hole)
061.7106.PC
(without cylinder hole)

COMFORT



061.7115.PC
(with cylinder hole)
061.7116.PC
(without cylinder hole)

23.5 cm 2.4 cm 4.6 cm

REDUCED

DOOR



061.7361.PC 061.7364.PC
061.7362.PC 061.7365.PC
061.7363.PC 061.7366.PC

WINDOW



061.7137.PC
061.7138.PC (CF 77)

14.7 cm 2.3 cm 1.1 cm

OPTION

CYLINDER COVER

061.7146.PC (2mm)
061.7147.PC (4mm)
061.7148.PC (6mm)

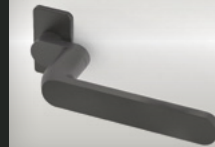
SAFETY

Available Q3/2013

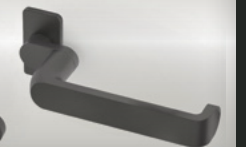
OFFSET

Available Q3/2013

DESIGN



COMFORT



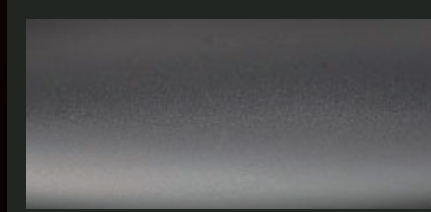
AVAILABLE FOR MOST OF OUR ALUMINIUM SYSTEMS



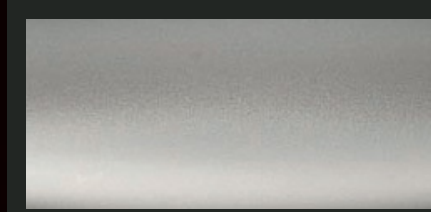
More Reynaers Aluminium References available at www.reynaers.com



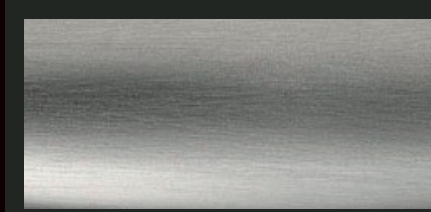
COMES IN YOUR COLOR



SAPPHIRE BLACK REF: LBMA

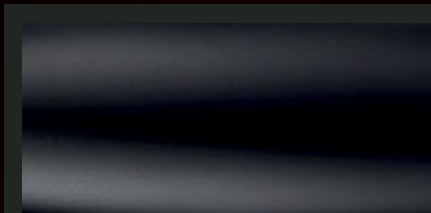


MOONLIGHT WHITE REF: WHMA



LITHIUM REF: STST

STANDARD



ECLIPSE REF: BLMA

ACTUAL COLORS MAY VARY

DID YOU SEE SOMETHING YOU LIKE?

Visit reynaersdesignhandles.com and explore the new Reynaers range of handles. There, you will have the chance to watch the **PURITY** film, recorded in Venice, and much more. Take the opportunity to learn more about **PURITY**, configure your handle online and share your custom handle configuration with your friends in social media.

www.reynaersdesignhandles.com

PURITY[®]

Reynaers Aluminium is a leading European specialist in the development and marketing of innovative and sustainable aluminium solutions for windows & doors, curtain walls, sliding systems, sunscreening, conservatories and solutions for solar integration. Established in 1965 and headquartered in Duffel (Belgium), Reynaers Aluminium has offices in more than 30 countries worldwide.



REYNAERS
aluminium

TOGETHER FOR BETTER

REYNAERS ALUMINIUM NV/SA

Oude Liersebaan 266 • B-2570 Duffel

t +32 15 30 85 00 • f +32 15 30 86 00

www.reynaers.com • info@reynaers.com