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.
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.

INSPIRED BY VENETIAN STYLE
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
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

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.
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
**PURITY TYPES**

**WINDOW**
- DESIGN
  - 061.7100.PC
  - 061.7124.PC
  - 061.7126.--
- COMFORT
  - 061.7110.PC
  - 061.7124.PC
  - 061.7126.--

**DOOR**
- DESIGN
  - 061.7100.PC
  - 061.7124.PC
  - 061.7125.--
- COMFORT
  - 061.7110.PC
  - 061.7124.PC
  - 061.7126.--

**SLIDING**
- DESIGN
  - 061.7100.PC
  - 061.7124.PC
  - 061.7125.--
- COMFORT
  - 061.7110.PC
  - 061.7124.PC
  - 061.7126.--

**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)

**REDUCED**
- 061.7146.PC (2mm)
- 061.7147.PC (4mm)
- 061.7148.PC (6mm)

**CYLINDER COVER**
- 061.7137.PC
- 061.7138.PC (CF 77)

**SAFETY**
- Available Q3/2013

**OFFSET**
- Available Q3/2013

Dimensions:
- 14.7 cm 2.4 cm 4.6 cm
- 23.5 cm 2.4 cm 4.6 cm
AVAILABLE FOR MOST OF OUR ALUMINIUM SYSTEMS
COMES IN YOUR COLOR

SAPPHIRE BLACK REF: LBMA
MOONLIGHT WHITE REF: WHMA
LITHIUM REF: STST
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
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.