

# l'antologia



**Made in Italy Entrances  
Designed by You**

# l'antologia

**The Anthology.** Our summary of corporate pluses and product images combined here in a single collection to convey an extraordinary concentration of the Oikos world.

Complexity becomes simple. The design possibilities are endless.

# index

Design	10
Size Freedom	11
Performance	12
Certifications	12
Materials	13
Wood types and materials «167»	13
Arsenalità of Oikos	14
Customized design	16
Culture, research and passion	17
Oikos Academy	18
Thermal revolution	20
Energy saving	21
The Dam Kit invention	22
Cylinders	23
Arckey	24
Outdoor coverings warranted for 6 and 15 years Adler	26
Floor motor	27

## Six product lines

Synua	28
Nova	36
Vela	40
Tekno	44
Project	52
Evolution	56

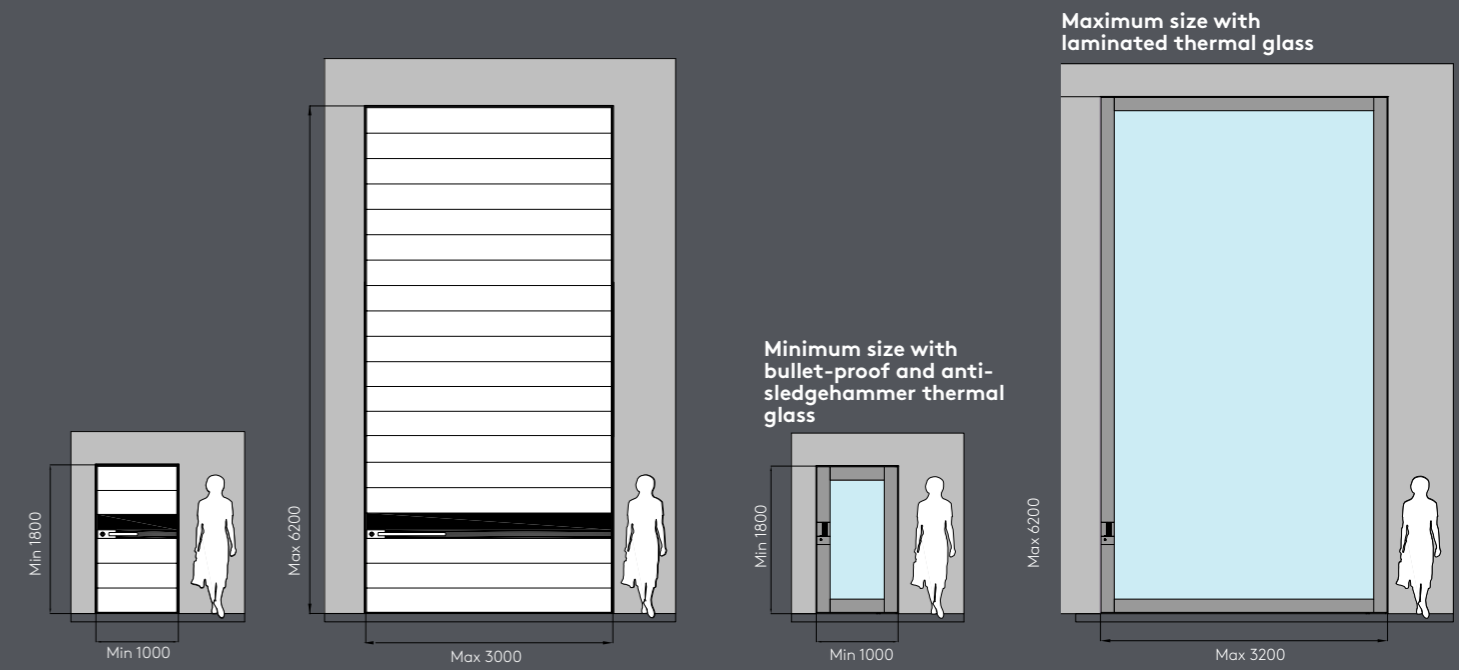
# Design

We elaborate innovative shapes and solutions by studying and applying colors and materials in harmony with the most current design trends.



# Size freedom

Limitless dimensions and solutions to give personality to the entrance architecture.



# Performance

## Insulation and protection for high comfort environments.

Fire resistance doors that do not fear water and wind, that insulate against heat, cold and noise. Safety, climate, silence: Comfort is a precious value.



### Break-in resistance

It is the ability to withstand break-in attempts measured by applying stresses with static and dynamic loads and simulating break-in attempts carried out with tools according to the resistance class.



### Water

Water tightness is measured in classes ranging from 0 to 9, indicating the ability to prevent water from passing through.



### Acoustic

It is measured in dB and is the ability to prevent noise from passing through the door.



### Wind

Wind resistance is measured in classes ranging from 0 to 5, indicating the mechanical resistance of the safety door to gusts of wind.



### Thermal

It is indicated with a U; it is measured in  $[W/(m^2k)]$  and is the ability to prevent heat exchange between two environments. (Optimal values are those close to 0).



### Fire

The reference values are EI 30, EI 60, EI 90, EI 120. They indicate the door's ability to withstand the passage of flame expressed in minutes.



### Air

Air permeability is measured in classes ranging from 0 to 4, indicating the ability to prevent air from passing through.



### Hurricane

The ability to withstand impacts by simulating impacts caused by debris from a «Missile Test» hurricane, and violent, continuous extreme wind cycles.



# Certifications

Oikos doors bear the CE marking in accordance with European Regulations 14351-1 and EN 16034.



American Laboratory accredited for Fire Resistance Testing according to American Standards.



The Casa Clima Agency is a Certifying Body that promotes and encourages policies aimed at reducing the use of energy resources, limiting the environmental impact and ensuring the well-being of people.



Miami County agency that guarantees the suitability, according to strict quality standards of door resistance to extreme wind loads caused by hurricanes.



Product certification. The external supervising body IFT controls and verifies occasionally the production phases and characteristics of the used materials.



DNV is the body that constantly verifies that the ISO 9001 quality system is applied at Oikos.



EN 71-3 "Sicurezza dei giocattoli". Oikos utilizza vernici all'acqua che non rilasciano nel tempo sostanze nocive a tutela dell'ambiente e delle persone.



Spanish laboratory recognized by UL to perform fire resistance tests according to strict American regulations.



The Swiss agency VKF verifies that the products comply with the fire resistance characteristics required by the Swiss certification

Certification Body recognized in Italy and internationally to issue certifications: intrusion detection, acoustics, air, water and wind, fire resistance, etc.



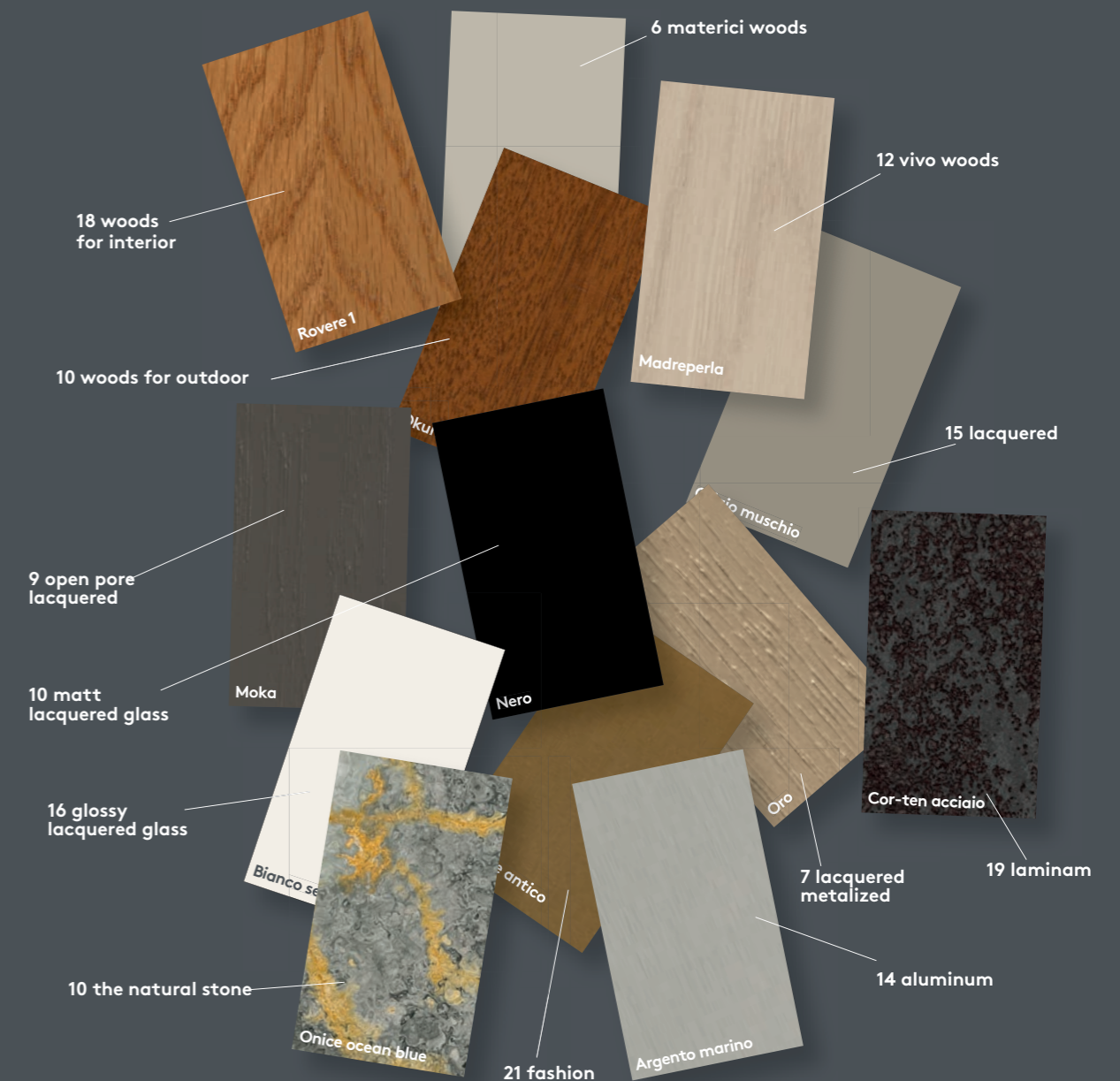
# Materials

Albini's Veliero and the two rings echoing Scarpa act as custodians of our collection of materials.



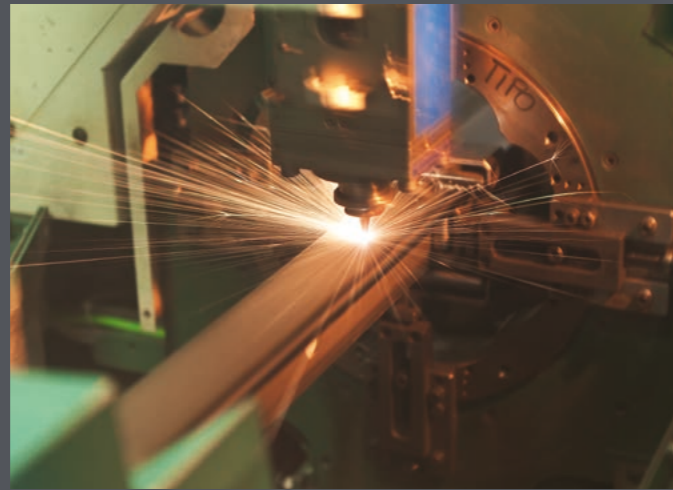
# Wood types and materials «167»

Different materials and woods with standard and customized finishes, colors, shades on request.



# Oikos' Arsenalità

Workshop. When craftsmanship becomes industrial.



Assembly. One by one, piece by piece, each door acquires its identity.



Carpentry work The heart of crafts processing experiences here its peak.



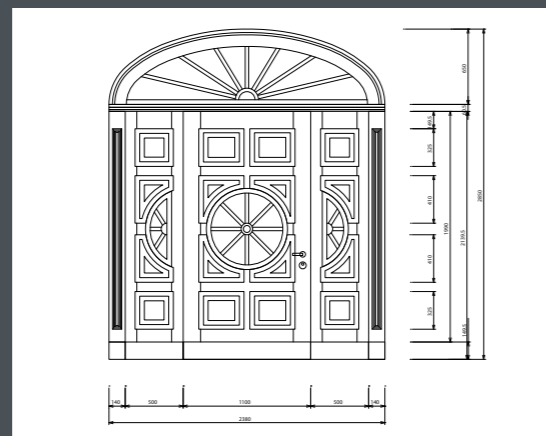
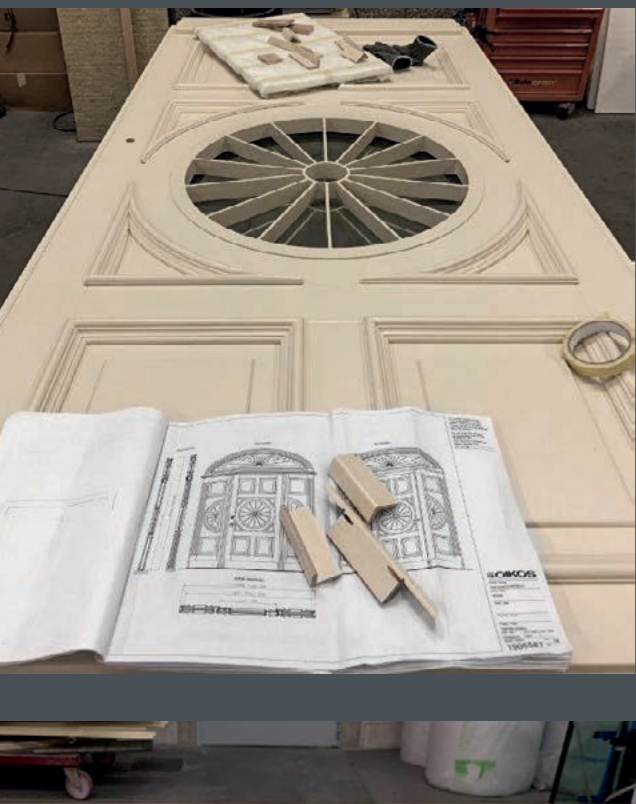
Testing and packing: important and delicate moments to ensure the functionality and integrity of the door.



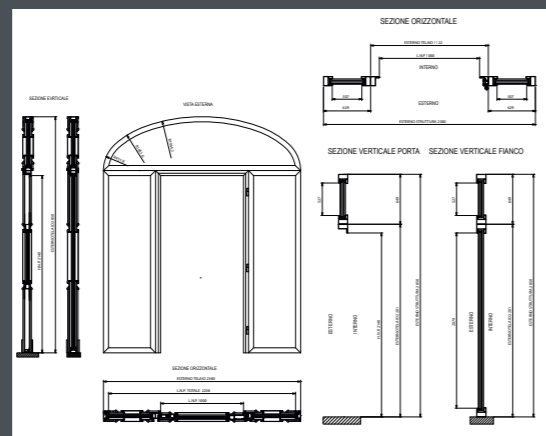


# Customized design

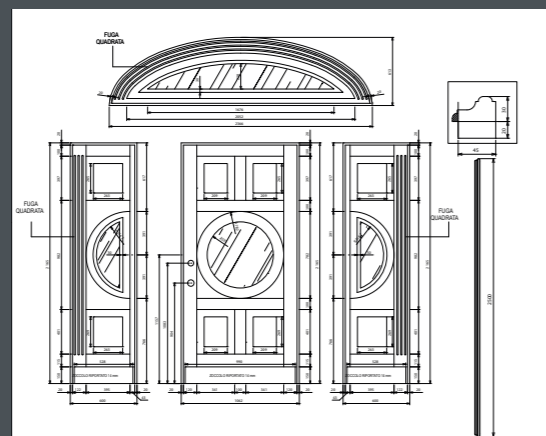
When custom design meets the creative genius of Made in Italy and the passion of craftsmanship, each creation becomes a work of art.



Customer project



Metal structure



Wood coverings



Finished realization

# Culture

«We Italians are like dwarfs on the shoulders of a giant, all of us. And the giant is culture, an ancient culture that has given us an extraordinary, invisible ability to grasp the complexity of reality. The ability of reasoning, joining together art and science, this is a huge capital. And this Italian culture is always ready to welcome all the rest of the world».

Renzo Piano



# Research

The territory in which we live is an open-air museum that continuously feeds our creativity and freedom of expression, giving rise to our inventiveness.



# Passion

This is the «secret ingredient» that we use every day in everything we do. It's the way we work, the only way we know how to work.



# Oikos Academy

Assistance and assembly



Installation courses



Commercial courses



Technical courses



Conventions and meeting



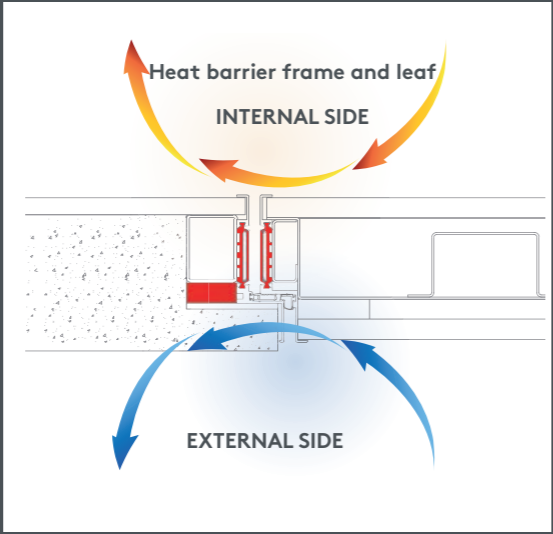
Cultural training



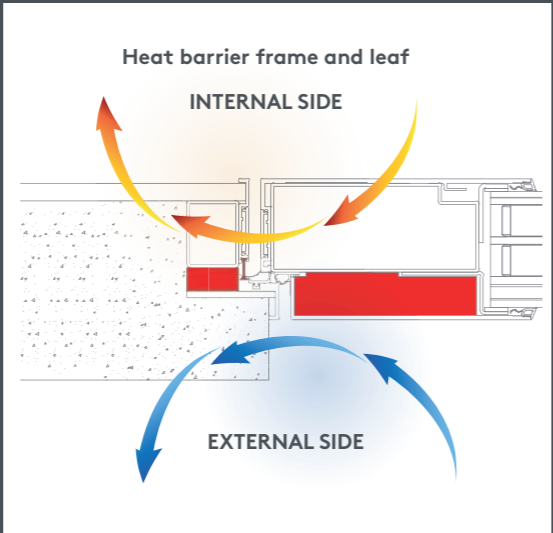
# Thermal revolution

Energy efficiency from the threshold.

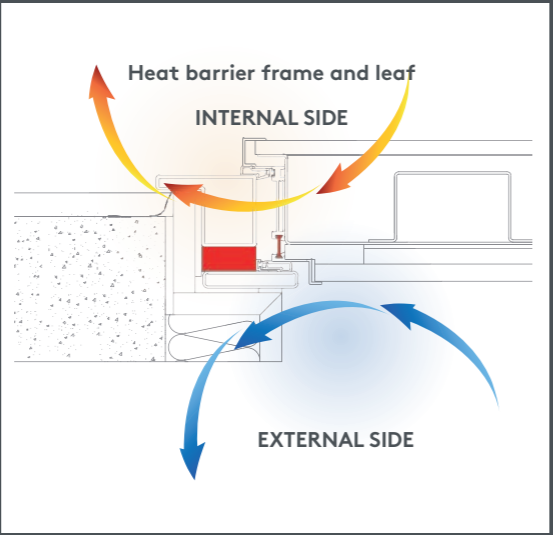
**Synua 3TT** The pivot door for large dimensions, which can be made with a heat barrier frame and leaf.



**Nova** The safety door that allows creating fully glazed entrances in any size, with standard supplied heat barrier frame and leaf.



**Evolution 3TT** The door with both classic and modern aesthetics realized with a heat barrier frame and leaf.

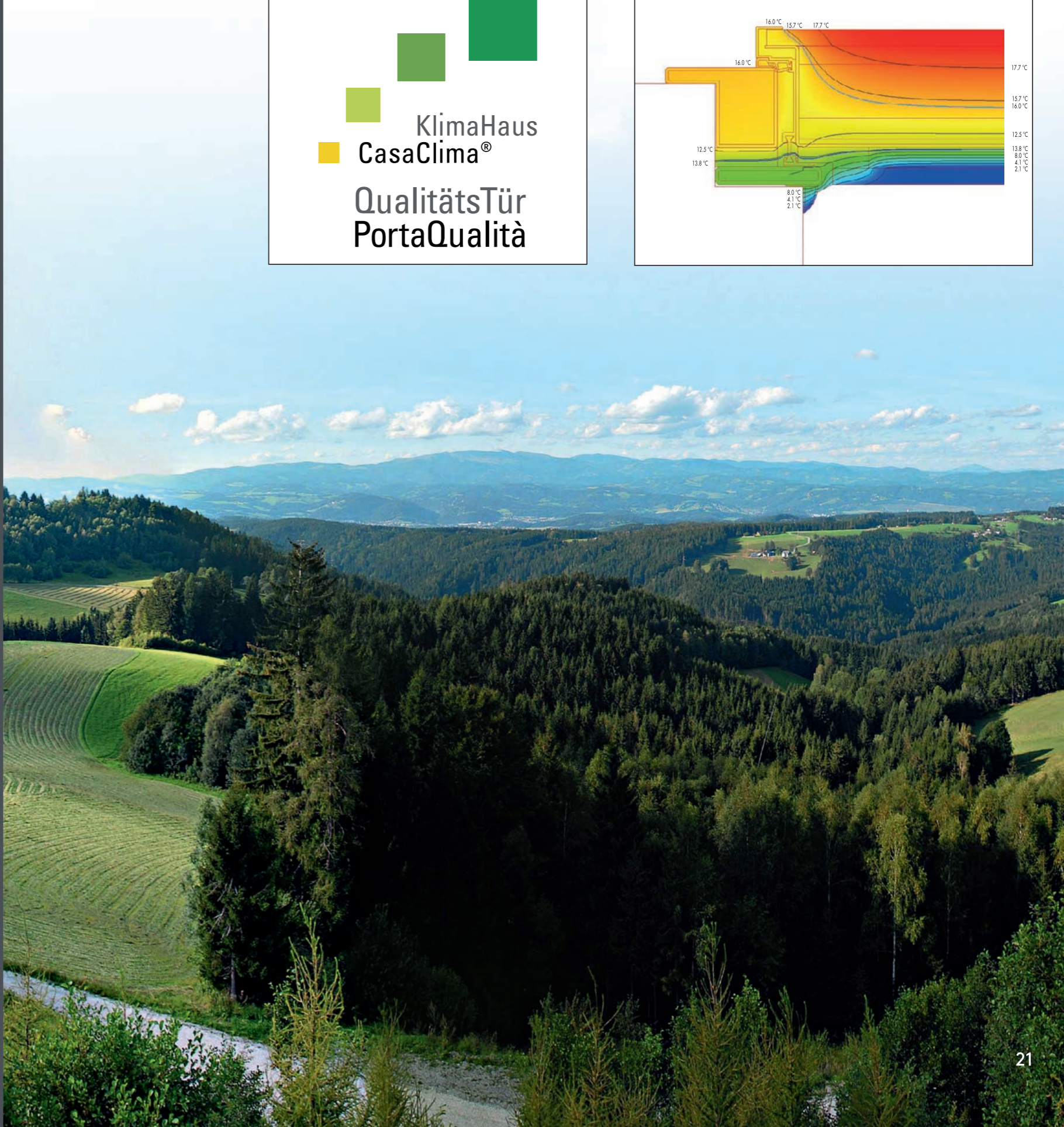
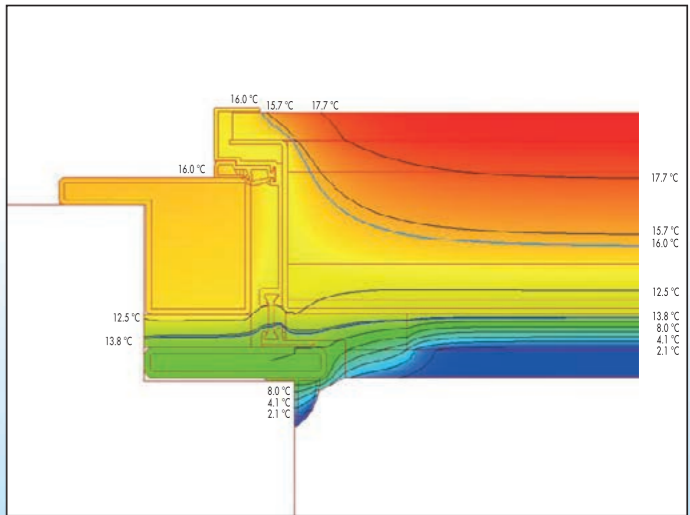


# Energy saving

Choosing to respect the environment by decreasing energy use means contributing to the saving of environmental resources and saving the planet.

Casa Clima promotes, encourages and supports these policies by helping citizens and businesses achieve significant improvements in their use of energy and renewable energy sources.

Oikos is a Casa Clima partner and shares its aims.



# Dam Kit Invention

maximum threshold performance...without «the threshold»

## Dam Kit

Maximum performance of an invisible threshold with homogeneous floor and no steps.



4



5A



C5



The values indicated refer to the Synua door

## Standard draught excluder



2



0



C4



4



5A



C5

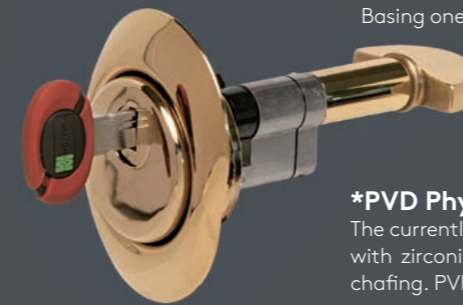


The values indicated refer to the Synua door

# Cylinders

## The fundamentals of safety

Basing one's safety on a cylinder represents a guaranteed choice: it can be installed also by self-taught people and features a wide range of combinations of short, handy and not too heavy keys in the pocket. Moreover, it is encapsulated in a defender barrel that protects it against being drilled or ripped out, with PVD\* treatment, and therefore against any type of attack. The cylinders used by Oikos have horizontal access and are tamper-proof; the key is specular and works whichever way it is inserted, it is very convenient and it is used to open the door from the outside; from the inside, the door is opened and closed using the convenient knob.



## \*PVD Physical Vapor Deposition

The currently most advanced technology in surface covering processes. The handles, accessories and, in this case, the defender are coated with zirconium nitrides, making them resistant to atmospheric agents (even the most acid) and wear effects, such as abrasion and chafing. PVD is however an ecological process, because the physical process does not generate any harmful residues.

## Please pay attention to the colors of the key

SEKUR is the most recent guarantee formula released by the Oikos school. It is a cylinder with 10 movable recognition pins plus a high precision floating one. The exclusive 3-in-1 patent allows you to change the encryption of the key 3 times without changing the cylinder.



**GREEN** this is the key for the building site stage, which can be given also to strangers.



**GRAY** the color of the owner's keys, with exclusive and reserved profile, which allow normal access and replaces and cancels the green key (these are supplied sealed).



**RED** is the color of the emergency key that replaces and cancels the gray keys, in case of need (this is supplied sealed).



For a further safety guarantee, the duplication of the SEKUR key can be performed only at the internal duplication center of Oikos, considering that the key profile is an exclusive property of Oikos. To request a duplication, please fill out the appropriate form available for download on the website: [www.oikos.it](http://www.oikos.it) (customer service section).



# Arckey

## The lock at the service of architecture

Integrated access management system with electronic opening through **Oikos Arckey App**, born from a twenty-year collaboration with **Iseo Serrature** an Italian company leader in the production of locking systems.

- Opening with smartphone
- Keyless opening
- Motorized opening
- Only the administrator can enable or disable users
- Access Control
- No masonry and cabling work
- Management of up to 300 users
- Office function
- Battery powered
- Reading of the last 1000 events
- Opening by time bands
- Office mode with time band opening control
- Access management with invitations (e.g. Residence, B&B)



### Oikos Arckey app

The Oikos Arckey App is the technological heart of the Arckey access management and control system. The opening of the door with remote button, the user management, and the control of access flows are just some of the functions allowed by the management through App. By bringing the Admin Card closer to the lock, the system administrator gains full control over its functions through the App.



### Door solutions

The Arckey system integrated in Oikos product is designed to ease access in particular to disabled people. The safety doors by Oikos with Arckey system are offered in the following solutions:

#### Standard

- Access via the Oikos Arckey App
- Internal handle
- Opening options from outside

#### Door check

- Access via the Oikos Arckey App
- Internal handle
- Opening with motorized door check
- Opening options from outside

#### Free façade

- Access via the Oikos Arckey App
- Internal handle
- Opening with motorized door check
- No opening element visible

### Door opening from outside

The Arckey system allows, standard supplied, the opening of Oikos' safety door through the App for smartphones. Upon customer request, it can be equipped also with a touchpad, a card reader, a transponder or a fingerprint reader.



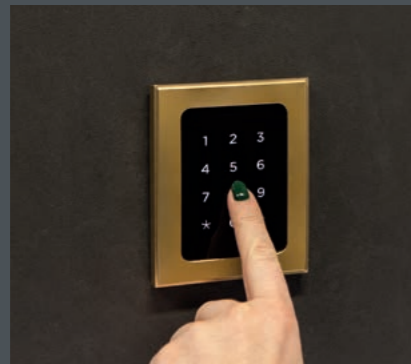
Smartphone



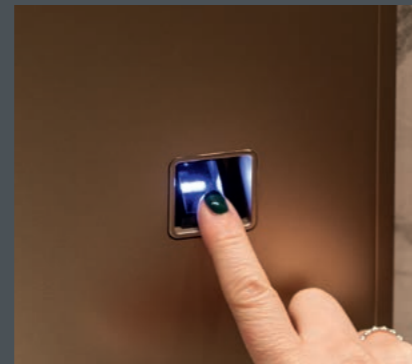
Card Reader



Transponder



Touchpad



Touchpad

### Arckey system programming

The administrator may appoint, enable and disable user access in an exclusive manner. Moreover, only the access administrator can control the access flows and the system status.



Only the administrator can enable or disable users

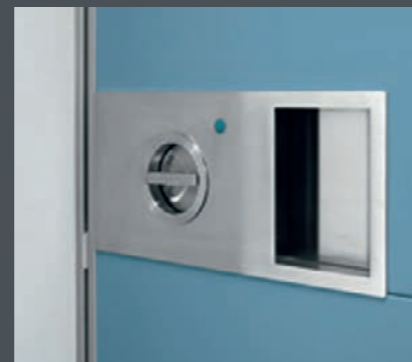


### Door opening from inside

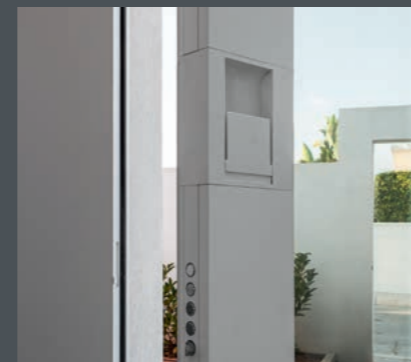
The doors Evolution, Tekno, Project and Nova are equipped with anti-panic function that allows the full release of all the key turns, by lowering the handle. The opening of the Synua door from inside takes place through the button integrated in the handle.



Evolution - Tekno - Project



Synua



Nova

### Oikos Security Code System

The Security Code System consists of three cards subject to progressive deactivation that allow the administrator to always have the control of the secret code for accessing the Oikos Tech App programming.

- Green card:** Level 1 testing/installation card
- Gray card:** Level 2 Admin Card
- Red card:** Level 3 emergency/system recovery card

### User management

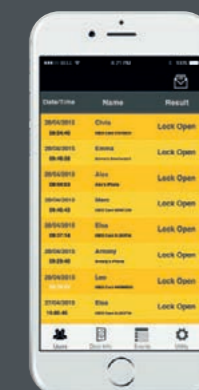
The Oikos Arckey App can manage several doors and allows recording up to 300 users per individual door, enabling different access systems:

- Smartphone
- Oikos Card
- Touchpad
- Transponder
- Cards with RFID technology
- Fingerprint reader

### Flow and control

Oikos Arckey App allows controlling the access flows, stating:

- Number of users
- Number of smartphones
- Number of Oikos cards
- Number of keyboard codes
- Number of transponders
- Number of RFID cards
- Reading of the last 1,000 events
- Number of impressions



### Optional features



Remote control



Door status for home automation



Door status signal kit



Mains power supply



Remote complete management of all Arckey functions



# Outdoor coverings warranted for 6 and 15 years Adler

Oikos has been working for over 20 years with Adler, a leading Austrian company in the production of water-based coatings for wood, in the ongoing improvement of its products and in the respect for the environment. We are proud to have been the first, along with Adler, to provide up to 15-year warranties on our coatings using a water-based painting cycle: Aquawood Protor System for entrance doors.



## Certified Quality

The lines **Country Line**, **Legno Vivo** and **Massello** are the result of the need to have coverings with very high characteristics for exterior use. They are therefore made exclusively of plywood with melamine gluing suitable for outdoor environments; they are assembled using adhesives (glues) corresponding to the class **D4** according to the standard **UNI EN 204**. Finally, they are painted using water-based coatings, mordanted (transparent) or covering (lacquered transparent), with marked characteristics of protection against atmospheric agents such as rain, humidity, sunlight and sudden temperature changes. Thanks to these characteristics it was possible to pass severe resistance tests applying the artificial aging method according to the **prEN 927-6 standard**.



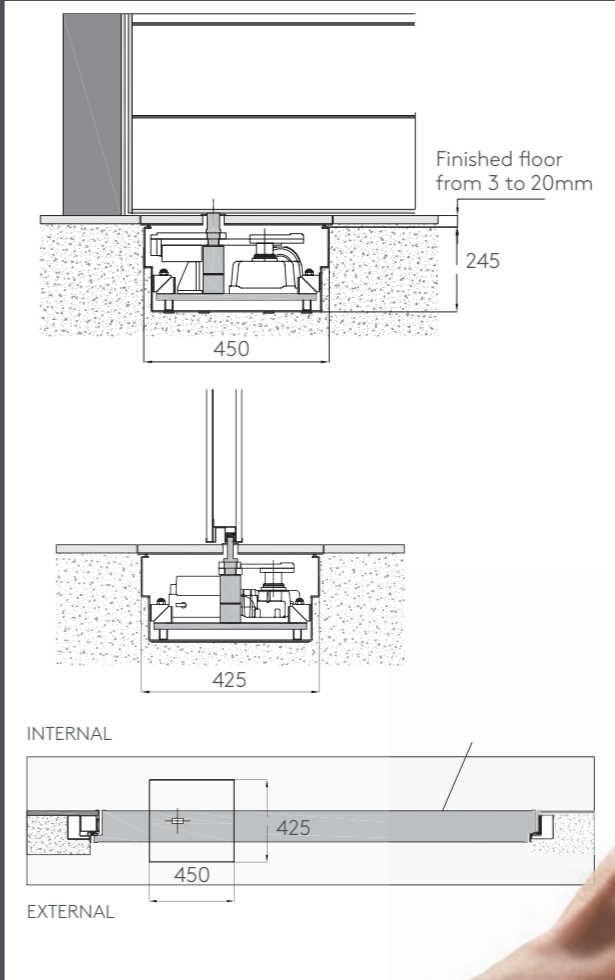
Line	Transparent	Lacquered	Warranty years
Country Line	Color 6 - 7 - 8		12
Country Line		Lacquered RAL	15
Legno Vivo	Natural Oak Oak 1		6
Legno Vivo	Honey Oak - Oak 2 - 3 - Mother of Pearl - Tabacco Agate Gray - Lead gray - Antique oak		12
Legno Vivo		Lacquered RAL Chalk White	15
Heartwood	Color 6 - 7 - 8		12
Heartwood		Lacquered RAL	15
Heartwood	Chestnut 2-3		12

# Floor motor

Floor automatism that with Arckey lock allows the total closing and opening of the entrance in a completely automatic way, maximum door weight 560 kg, corresponding to a door area of about 11 square meters equivalent to Synua door opening 2,200 x 5000mm or a Nova door 1800 x 4000mm. In addition to the maximum weight, it is necessary to take into account the measurements of net wall opening and any wind loads.

Please consult the Oikos sales network or sales offices.

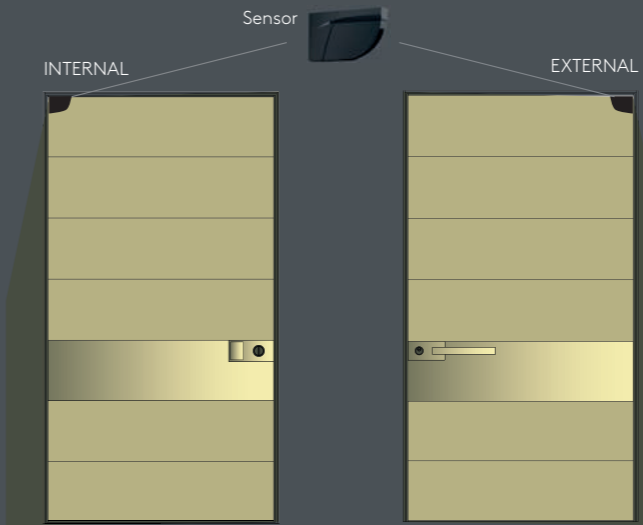
### Space requirement



**Present man version**  
It allows the opening or closing command only and exclusively with the continuous manual pressure on a button or command placed on the internal or external door side. This solution does not include any safety sensor according to EN 16005 standard



**Version with automatic opening**  
The opening and closing of the door are controlled automatically with the same devices of the Arckey system; this solution requires the installation of two presence and movement sensors in the monitored area according to the EN 16005 standard



# Synua

The door for large dimensions, with vertical pivot operation and installation coplanar with the wall.  
The perfect combination of technology and design.











# Nova

The pivot safety door that allows creating fully glass windows in any size. It is the entrance architecture that allows new design possibilities.





# Vela

Indoor door with opening to design a door reaching the ceiling and turn it into a moving architectural element.





# Tekno

With horizontal and customizable sectors, a concentrate of innovation and technology that perfectly matches the solutions of modern architectural projects.











# Project

Safety door for the internal part of the home with flush-to-wall, coplanar solutions and materials preferred by the interior design, including single panel solutions.





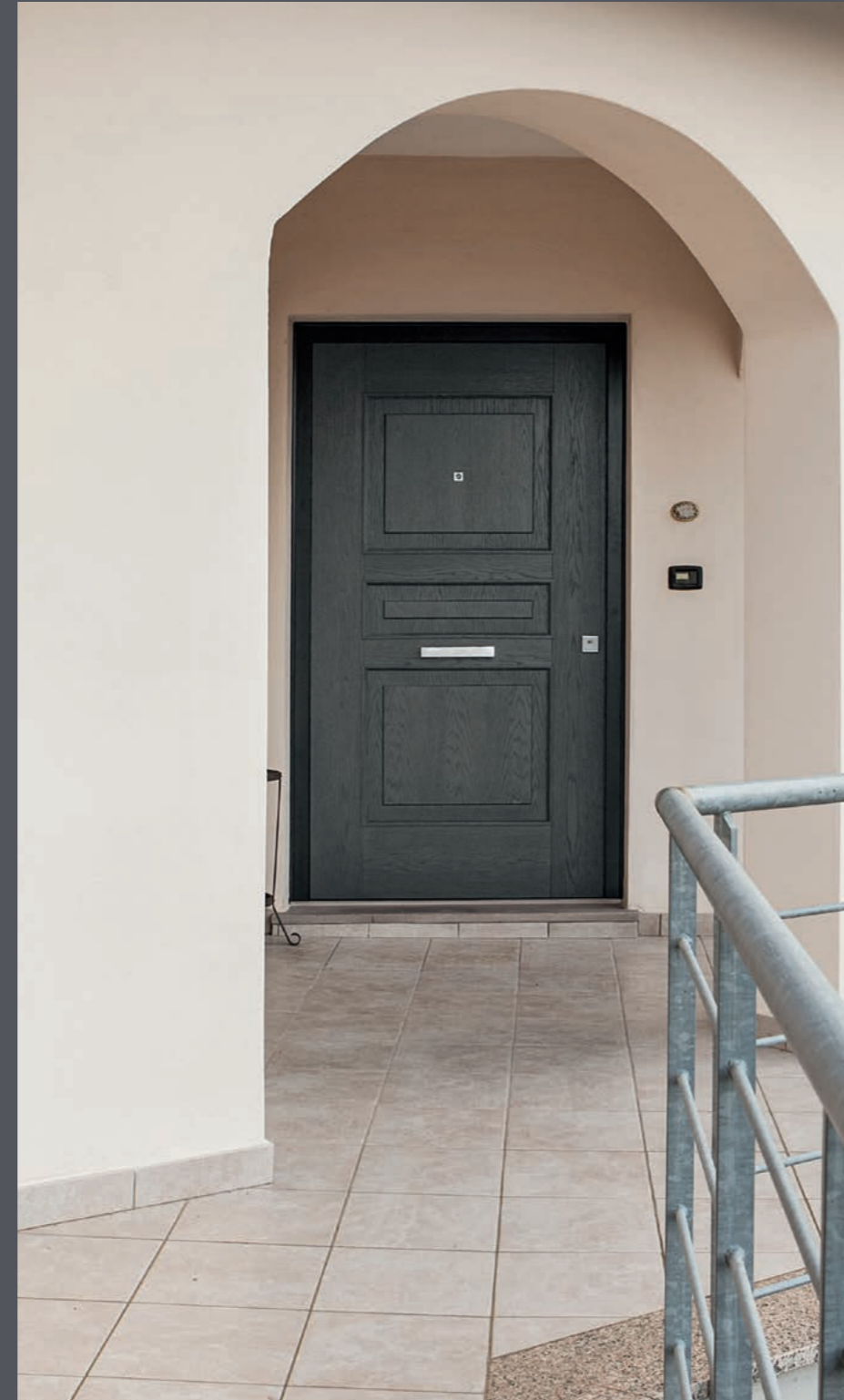
# Evolution

Classical aesthetics interpreted with wood, colors and refined workmanship to enhance the safety door in a wide range of shapes and sizes.











Dedicated to those who, instead of following already traced paths,  
create new ones never imagined before.







**Oikos Venezia S.r.l.**  
Via della Tecnica, 6  
30020 Gruaro (VE), ITALY  
Tel. (+39) 0421 7671  
Fax (+39) 0421 767222  
oikos@oikos.it www.oikos.it