



# OPTIMUM

EXCEPTIONAL QUALITY AND TIMELESS ELEGANCE



WWW.PIRNAR.CO.UK



# PIRNAR'S **HERITAGE**

We take pride in our heritage. From our initial steps in the family workshop onward, we are driven by a passion for creation and a commitment to excellence in design and craftsmanship, which has been passed down through generations. We continuously enhance our expertise and combine it with modern technologies. Strong roots maintain our connection to tradition, while courage and boldness push the boundaries of possibility, guiding us to new successes. With a clear vision and an innovative approach, we exceed expectations and set new milestones globally in the realm of building furnishings.





# OPTIMUM

A UNIQUE ENTRY COLLECTION WITH GREAT  
ADDED VALUE, EXCEPTIONAL QUALITY,  
DURABILITY, AND TIMELESS ELEGANCE

Optimum is Pirnar's entry collection of exquisite aluminum entrance doors, characterized by outstanding quality, durability, and thoughtfully designed options. With a carefully selected range of models, top-tier functionalities, and materials, it offers the ideal choice that creates timeless elegance on either a traditional or modern house. The unique added value of the Optimum line lies in the state-of-the-art management options for the entrance doors.



DOORS THAT SEAL LIKE A WALL

# THE UNIQUE CARBON DOOR CONSTRUCTION CARBONCORE

The heart of every premium entrance door is its construction. CarbonCore is a unique patented carbon construction made exclusively for entrance doors. Carbon fibres are exceptionally lightweight, rigid, and several times stronger than steel. With CarbonCore profiles, we significantly minimize door warping, whether in scorching sun or the coldest winters. This construction enables the development of innovative design and functional solutions for Pinnar's entrance doors.



- ✓ RECORD-SEALING
- ✓ SUPERIOR THERMAL AND ACOUSTIC INSULATION
- ✓ EXCEPTIONAL STABILITY WITHOUT WARPING
- ✓ THE STRONGEST YET LIGHTWEIGHT CONSTRUCTION
- ✓ PRODUCT DURABILITY

OPTIMUM CARBONCORE **LEVEL**

from **0,83** W/(m²K)  
from **0,75** W/(m²K) (with additional insulation)

OPTIMUM CARBONCORE **SOFT**

from **0,83** W/(m²K)  
from **0,75** W/(m²K) (with additional insulation)

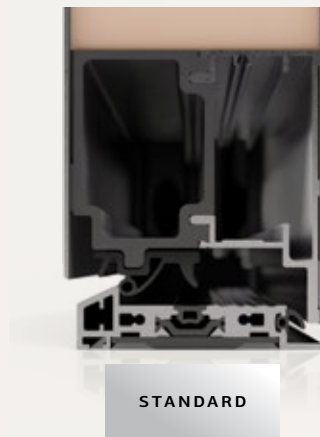
|                       |                                                                                   |                                                                                   |
|-----------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| Thermal transmittance | from <b>0,83</b> W/(m²K)<br>from <b>0,75</b> W/(m²K) (with additional insulation) | from <b>0,83</b> W/(m²K)<br>from <b>0,75</b> W/(m²K) (with additional insulation) |
| Door frame thickness  | <b>83</b> mm                                                                      | <b>93</b> mm                                                                      |
| Door leaf thickness   | <b>81</b> mm                                                                      | <b>81</b> mm                                                                      |
| Thermal glazing       | <b>Triple glazing</b>                                                             | <b>Triple glazing</b>                                                             |

## RECORD-SEALING

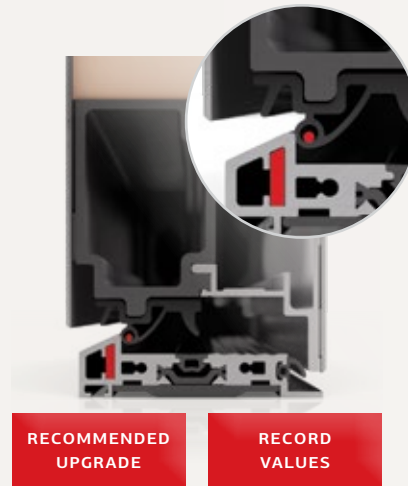
### MAGNET WEATHERSEAL

CarbonCore features advanced sealing with Magnet WeatherSeal, which has earned the doors an exceptional watertightness rating of 9A in testing laboratories, preserving complete waterproofing even at a pressure of 600 Pa, corresponding to a wind speed of 114 km/h. This represents a sixfold higher load than what regular entrance doors can withstand.

WEATHERSEAL



MAGNET WEATHERSEAL



|                                                                                                                   | WeatherSeal      | Magnet WeatherSeal |
|-------------------------------------------------------------------------------------------------------------------|------------------|--------------------|
|  Water-tightness class         | 6A               | 9A                 |
|  Water-tightness at wind speed | 73 km/h   250 Pa | 114 km/h   600 Pa  |
|  Air-tightness class           | 4                | 4                  |

SUPERIOR  
UPGRADE

## SOUND INSULATION

### SOUNDCORE

The best solution for homes in urban neighborhoods.

SoundCore is premium sound insulation for residential houses in urban areas, featuring a filling density of 900 kg/m<sup>3</sup> in the door leaf. In combination with superior sealing, it reduces the sound load in living spaces by more than 18 times compared to fully open doors. The intensity of sound passing through the entrance door is significantly reduced compared to values found in ordinary entrance doors.



|                           |                                        |
|---------------------------|----------------------------------------|
| Thermal transmittance     | $U_d$ = from 0,88 W/(m <sup>2</sup> K) |
| Soundproofing             | $R_w$ (C; Ctr) = to 42 (-1; -4) dB     |
| Acoustic insulation panel | SoundCore                              |

# LIVE SMARTER AND SAFER

## COMPLETE SAFETY AND COMFORT

Pirnar offers state-of-the-art solutions and the finest products for complete safety and comfort.

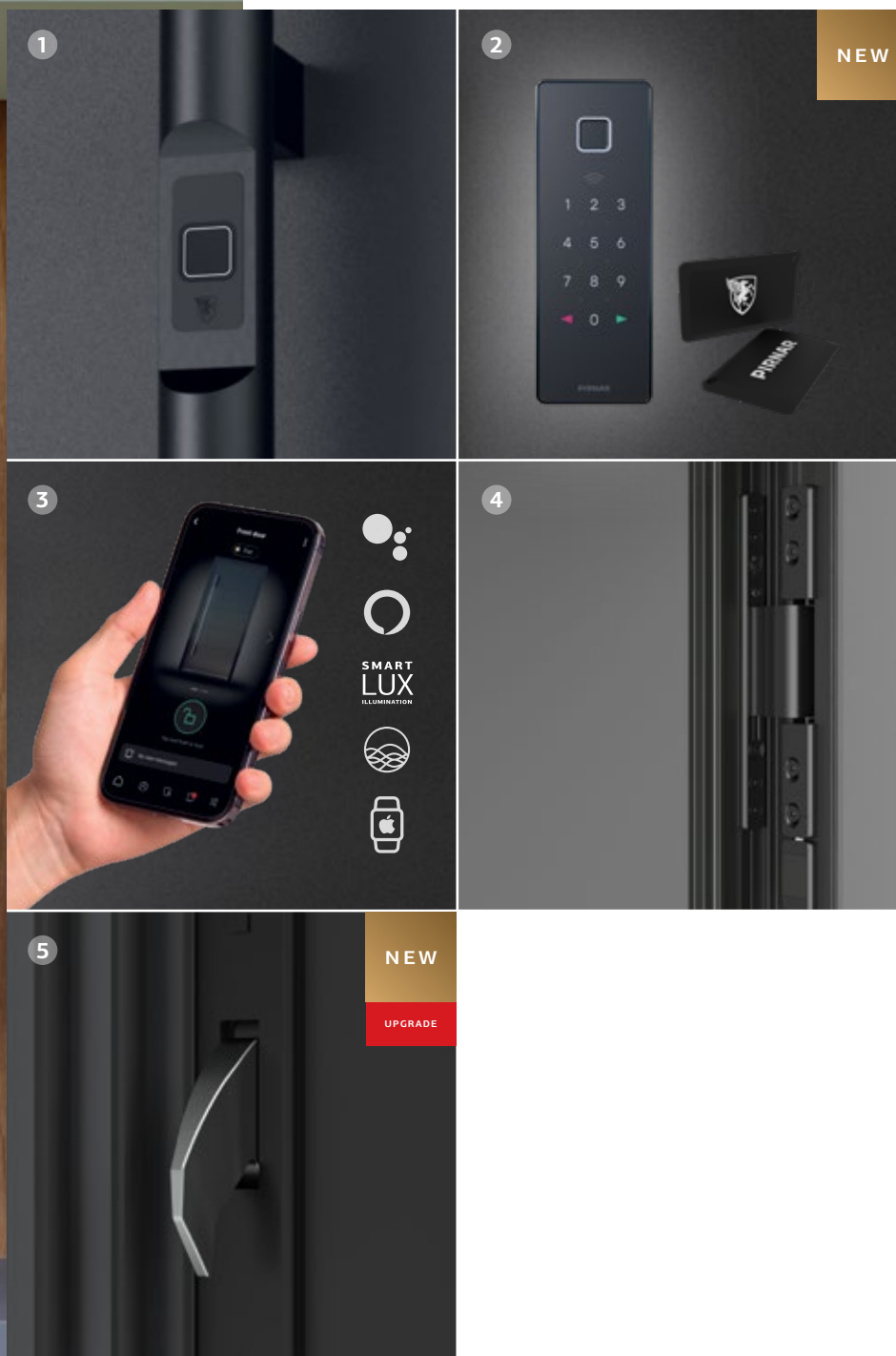
You can unlock the entrance doors using the smart SecuroSmart system or the SecuroSmart Keypad in the Pirnar mobile app, as well as with a fingerprint reader.

Combined with the premium locking system Armo Comfort Electro Plus, you will ensure that your home is a fortress of safety and peace.



\* The RC2 package is standardly available for single-leaf door configurations with a solid door leaf, dimensions up to 1250 x 2400 mm, without toplights or sidelights. For designs with glass in the door leaf featuring sidelights, toplights, or separate sidelights, the RC2 package is available as an additional option.





### 1. FINGERPRINT READER

This modern and popular method of unlocking doors with a fingerprint reader provides enhanced security and, above all, a simpler and more comfortable entry for your entire family, as you can store fingerprints of multiple selected individuals simultaneously. Forget about keys and concerns.

### 2. SECUROSMART KEYPAD

The modern keypad allows for unlocking with various PIN codes tailored to specific living needs and unlocking with an NFC card. It features a fingerprint reader and doorbell, managed via the Pirnar mobile app.

### 3. SMART MANAGEMENT SECUROSMART

The smart SecuroSmart system in the Pirnar mobile app boasts premium functionalities for easy and secure door usage. Even if you are on the other side of the world, you can easily unlock your doors.

### 4. CONCEALED HINGES

Concealed hinges are an essential security element of Pirnar's entrance doors, renowned for their extraordinary robustness and durability. They not only provide an elegant appearance but also function as a security bolt that effectively prevents the lifting of the door or its forcible removal from the frame.

### 5. ARMO COMFORT ELECTRO LOCK AND ARMO COMFORT ELECTRO PLUS

The premium multi-point lock allows for motorized unlocking without a key and automatic mechanical locking. It is compatible with remote unlocking systems and fingerprint reader. The door with this lock achieves burglar resistance RC2 according to EN 1627 for RC. The Armo Comfort Electro Plus lock offers a fully motorized solution for secure, comfortable, and modern use of entrance doors. It operates without manual locking and allows controlled access with advanced safety features.

**FOR ADDITIONAL INFORMATION ON SECURITY AND LOCKING SYSTEMS, TURN TO PAGE 42**



SMART  
LUX

UPGRADE

UNIQUE ON THE MARKET

# CREATING AMBIENCE WITH ELEGANT LIGHTING

Pirnar's solutions for creating a comfortable atmosphere facilitate the management of lighting for entrance doors at thresholds, pull handles or lever handles. With the smart SmartLux system in the Pirnar mobile app, you can adjust the intensity, colour, temperature, and timing of the lighting.

Manual control of the light remains an option, allowing you to modify the intensity, colour, and temperature of the illumination.

## SMARTLUX LIGHTING PACKAGE\*

Lighting is available on handles and thresholds, allowing you to create a refined ambience.



Time setting for LED lighting



Wi-Fi and Bluetooth connectivity



Remote management



Voice control with integration of  
Google Assistant and Amazon Alexa



Temperature control of led light from 2700 Kelvin  
(warm white) to 6500 Kelvin (cool white)



The SmartLux system is compatible with many  
popular smart home solutions.



\* The lighting for the entrance doors is exclusively available as part of a package; individual lighting elements cannot be ordered separately. If you choose not to use specific lighting, you can easily turn it off using the Pirnar mobile app.

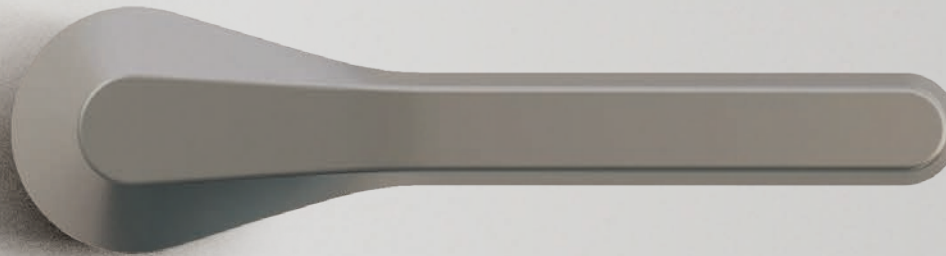
NEW

UPGRADE

THE FIRST TOUCH OF HOME

# ELEGANZA

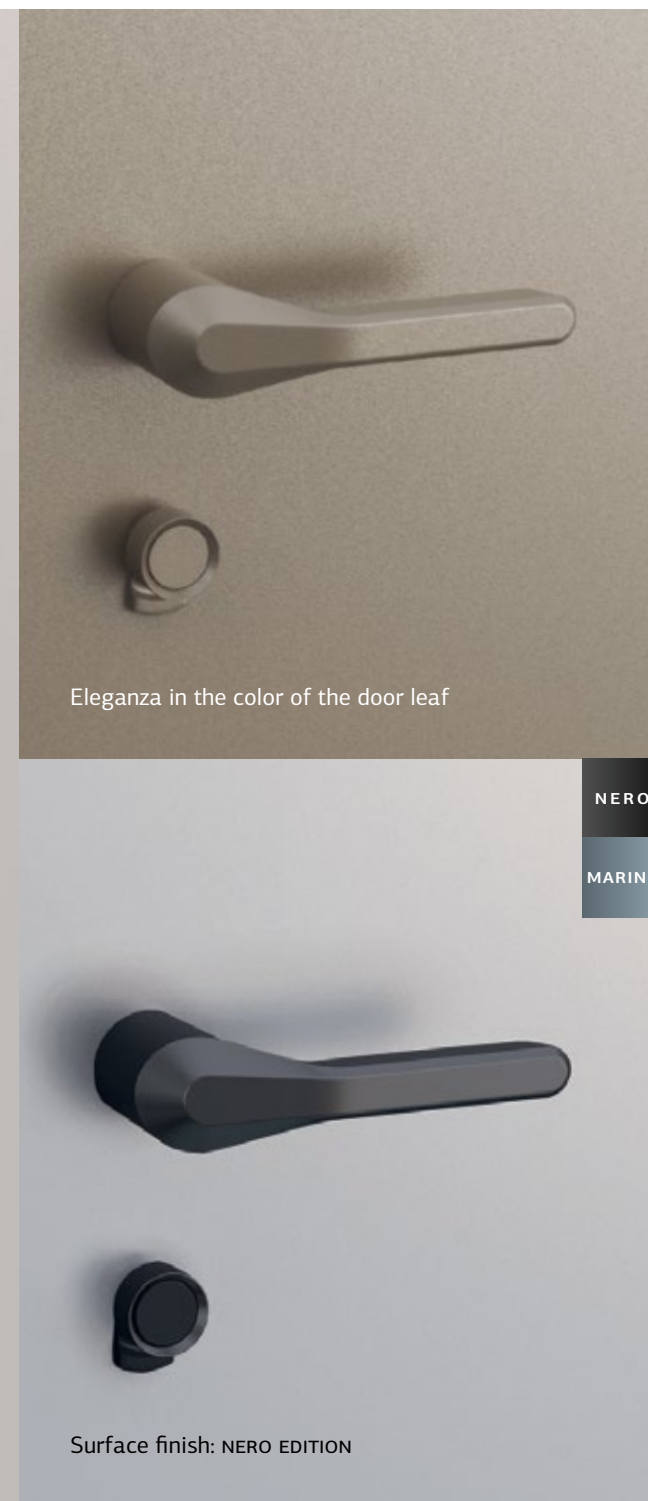
Eleganza is a stunning internal handle, crafted from die-cast aluminum, providing a sensation of lightness and exceptional security. With premium ergonomic and refined elements, it simplifies the use of the door while creating a cohesive and aesthetically pleasing appearance for the entire entrance interior.



WATCH THE VIDEO ABOUT HANDLES



- 1.**  
An exclusive unique mechanism ensures top stability and extended longevity.
- 2.**  
The handle design matches the color of the door leaf.
- 3.**  
The aesthetic button of the cylindrical lock insert allows for unlocking and locking the interior of the door without a key.



Eleganza in the color of the door leaf

NERO  
MARINE

Surface finish: NERO EDITION

NERO

UPGRADE

TIMELESS ELEGANCE IN BLACK

# NERO EDITION

The Nero Edition package is a collection of sophisticated accessories for entrance doors in an aesthetic black finish. Pull handles, handles, protective trims, and even the smallest details, such as glazing frames and cylinder protection, are aesthetically enhanced with a black powder coating process while being additionally protected against corrosion.



Glazing frames

Applications in the grooves

Cylinder protection

Protective trims

Pull handles

Lever handles

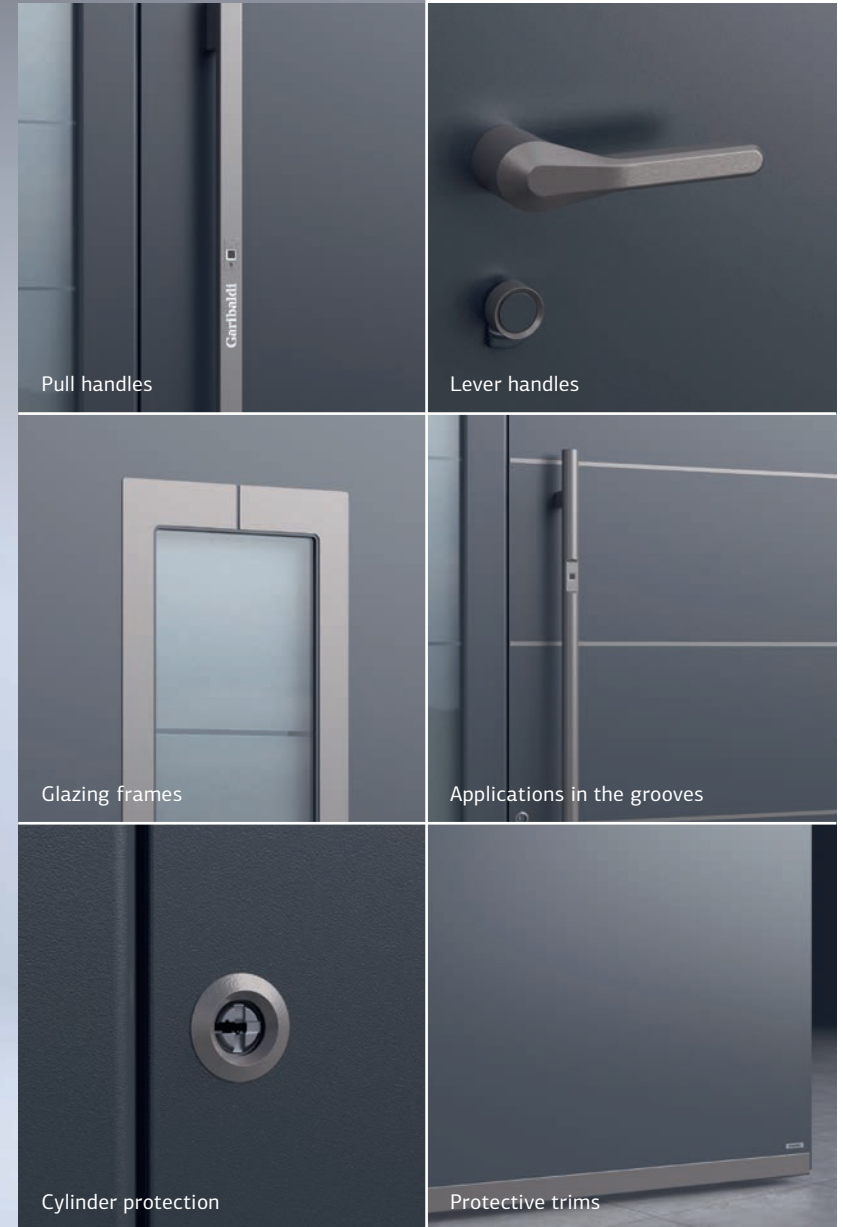
MARINE

UPGRADE

ADDITIONAL CORROSION PROTECTION

# MARINE EDITION

The Marine Edition is a collection of accessories for entrance doors, further treated with powder coating technology. They are the ideal choice for doors in coastal areas. Pull handles, lever handles, protective trims, and even the smallest details, such as glazing frames and cylinder protection, are aesthetically complemented and additionally protected against corrosion.



Pull handles

Lever handles

Glazing frames

Applications in the grooves

Cylinder protection

Protective trims

# OPTIMUM MODELS





NERO

MARINE

27

Contivolser | 10 |





**7211**

Colour FS 9016 / Handle 9613 / Protective trim 6267



**7110**

Colour FS 7016 / Peephole 6202-1 / Personalized handle ANGULAR180 with illumination LABELUX / SECUROSMART finger scanner with ARMO COMFORT ELECTRO lock / Protective trim 6267



## 7200

Colour DB 703 (80077) / Additional colour wood imitation ENGLISH OAK / Handle ANGULAR135 NERO with SMARTLUX illumination / SECUROSMART finger scanner with ARMO COMFORT ELECTRO lock



## 7210

Colour FS 9005 / Additional colour wood imitation TWISTED OAK / Handle ROUND115 / SECUROSMART finger scanner with ARMO COMFORT ELECTRO lock / Protective trim 6267

NERO

MARINE





### 7480

Colour FS 9005 / Additional colour outside wood imitation OILED OAK / Glass motif sandblasted / Handle ANGULAR180 NERO with SMARTLUX illumination / SECUROSMART finger scanner and ARMO COMFORT ELECTRO lock



### 7500

Colour FS 9016 / Handle 9617 NERO with SMARTLUX illumination / SECUROSMART keypad with ARMO COMFORT ELECTRO lock / Protective trim 6444 NERO



# 7490

Colour DB 703 (80077) / Glass motif sandblasted / Handle 9617 with SMARTLUX illumination / SECUROSMART finger scanner with ARMO COMFORT ELECTRO lock / Protective trim 6444







**7290**

Colour DB 703 (80077) / Glass motif sandblasted / Handle ANGULAR95 / SECUROSMART finger scanner with ARMO COMFORT ELECTRO lock / Protective trim 6267

**7280**

Colour 70161 / Additional colour 70105 / Glass motif sandblasted / Handle ROUND95 / SECUROSMART finger scanner with ARMO COMFORT ELECTRO lock / Protective trim 6267

**7160**

Colour FS 9016 / Glass motif sandblasted / Handle ROUND55 NERO / SECUROSMART finger scanner with ARMO COMFORT ELECTRO lock / Protective trim 6267





**7471**

Colour 70105 / Glass motif sandblasted / Handle ANGULAR95 / SECUROSART finger scanner with ARMO COMFORT ELECTRO lock / Protective trim 6267



NERO

MARINE

**7470**

Colour FS 9016 / Glass motif sandblasted / Handle ROUND150 with illumination LABELUX / SECUROSART finger scanner with ARMO COMFORT ELECTRO lock / Protective trim 6203

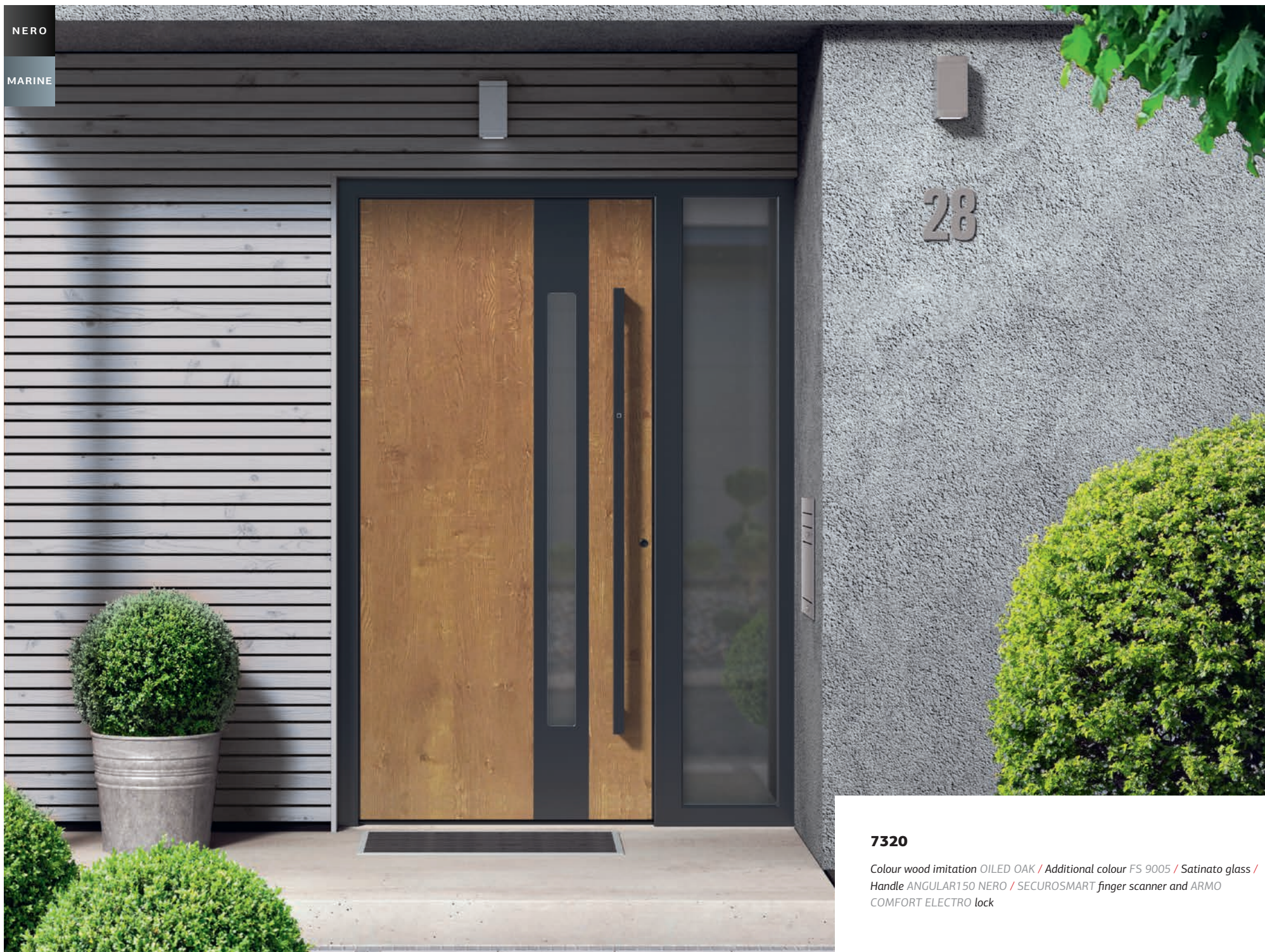
NERO

MARINE

OPTIMUM

26

PIRNAR



### 7320

Colour wood imitation OILED OAK / Additional colour FS 9005 / Satinato glass /  
Handle ANGULAR150 NERO / SECUROSMART finger scanner and ARMO  
COMFORT ELECTRO lock



### 7180

Colour FS 7016 / Satinato glass / Handle ANGULAR75 NERO / SECUROSMART finger scanner and ARMO COMFORT ELECTRO lock



### 7310

Colour FS 9016 / Satinato glass / Handle ANGULAR150 / SECUROSMART finger scanner and ARMO COMFORT ELECTRO lock / Protective trim 6267



### 7410

*Colour RAL 8019 MAT / Glass motif sandblasted / Handle ANGULAR135 with SMARTLUX illumination / SECUROSMART finger scanner and ARMO COMFORT ELECTRO lock / Protective trim 6267*



### 7460

*Colour 70105 / Glass motif sandblasted / Handle ROUND170 with SMARTLUX illumination / SECUROSMART finger scanner with ARMO COMFORT ELECTRO lock / Protective trim 6203*

NERO

MARINE

27

## 7450

Colour FS 9016 / Glass motif sandblasted / Handle ANGULAR150 with SMARTLUX illumination / SECUROSMART finger scanner and ARMO COMFORT ELECTRO lock / Protective trim 6267



NERO

MARINE

PIRNAR  
30  
OPTIMUM



### 7150

Colour DB 703 (80077) / Satinato glass / Handle ROUND150 with illumination LABELUX / SECUROSMART finger scanner with ARMO COMFORT ELECTRO lock / Protective trim 6203



## 7270

Colour FS 9005 / Additional colour wood imitation TWISTED OAK / Satinato glass / Handle ROUND135 NERO / SECUROSMART finger scanner with ARMO COMFORT ELECTRO lock



## 7130

Colour FS 7016 / Glass motif sandblasted / Handle 9110 / SECUROSMART finger scanner with ARMO COMFORT ELECTRO lock / Protective trim 6267

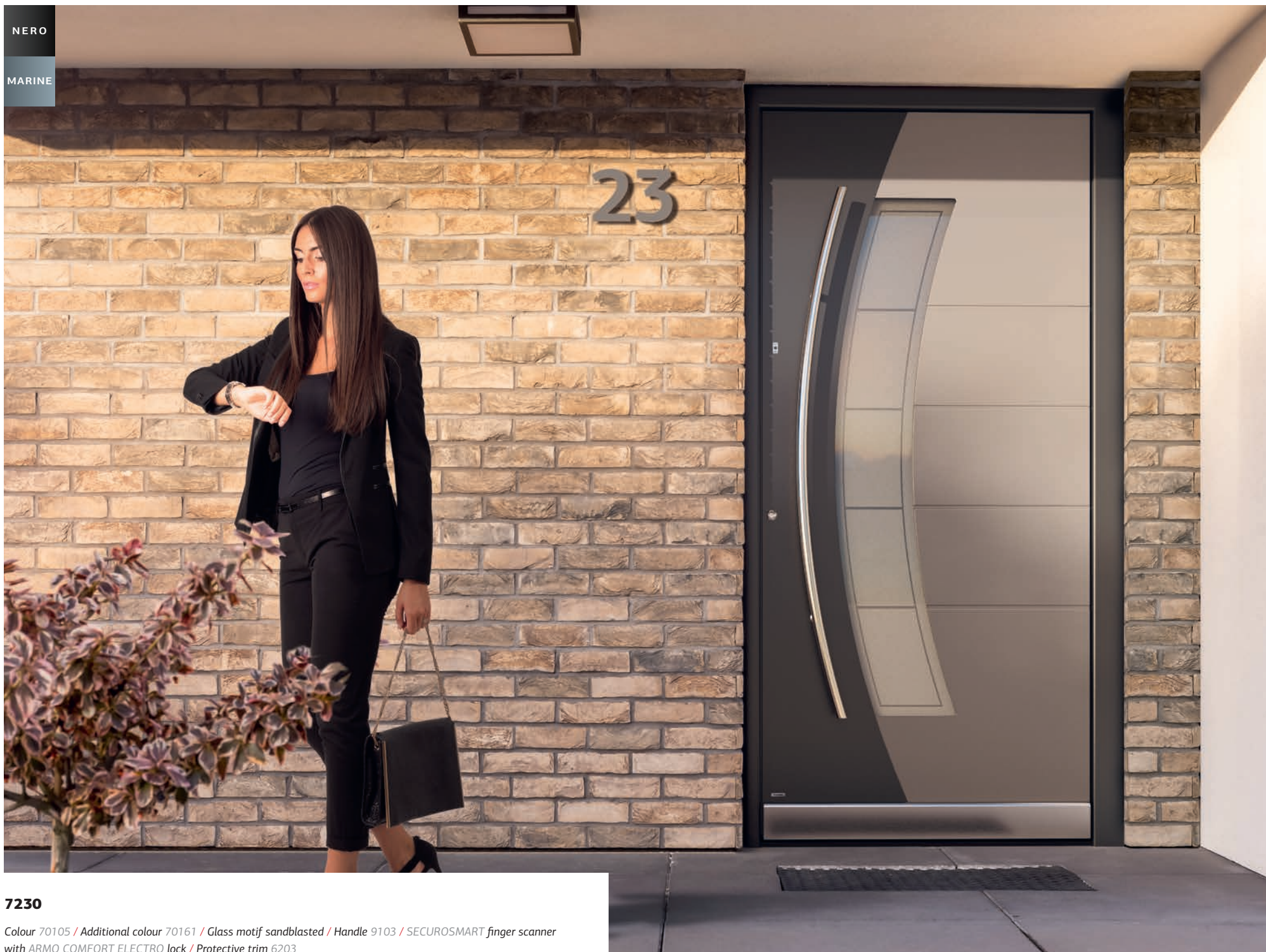
NERO

MARINE

OPTIMUM

32

PIRNAR



**7230**

Colour 70105 / Additional colour 70161 / Glass motif sandblasted / Handle 9103 / SECUROSMART finger scanner  
with ARMO COMFORT ELECTRO lock / Protective trim 6203



### 7330

Colour 70161 / Additional colour outside BLACK OAK / Glass motif sandblasted / Handle 9110 NERO / SECUROSMART finger scanner with ARMO COMFORT ELECTRO lock / Protective trim 6267 NERO



NEW

RECOMMENDED  
UPGRADE



### 7340

Colour FS 6005 / Glass motif sandblasted / Handle ROUND55 / Protective trim 6203



### 7370

Colour FS 8019 / Glass motif sandblasted / Handle ROUND55 / Protective trim 6203

NERO

MARINE



**7190**

Colour FS 7016 / Glass motif sandblasted / Handle ROUND55 /  
Protective trim 6203

NERO

MARINE

OPTIMUM

36

PIRNAR





### 7390

Colour FS 9016 / Glass motif sandblasted / Handle ROUND75 / SECUROSMART finger scanner with ARMO COMFORT ELECTRO lock / Protective trim 6267



### 7300

Colour FS 9016 / Glass motif sandblasted / Handle ROUND55 NERO / Protective trim 6267 NERO

# OPTIMUM EQUIPMENT



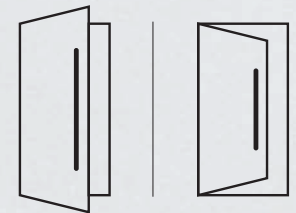


# CONSTRUCTION AND INSULATION

The patented construction made from CarbonCore carbon fibres allows for a range of design and functional upgrades.



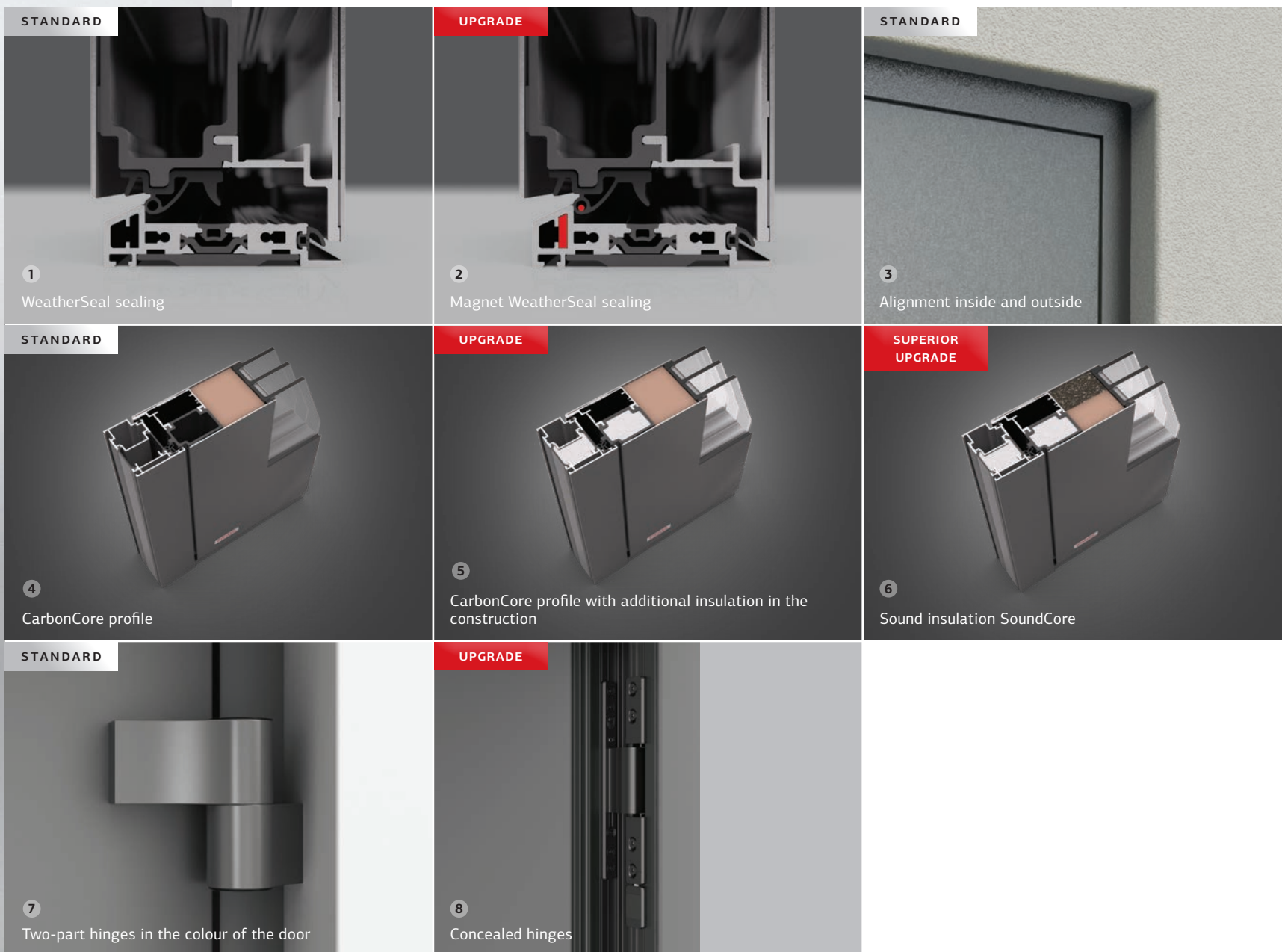
ALIGNMENT INSIDE  
AND OUTSIDE



INWARD AND  
OUTWARD OPENING

CONCEALED HINGES FOR ADDED SAFETY AND AESTHETIC APPEARANCE

FINE DESIGN WHERE ALL ELEMENTS ARE IN ELEGANT BLACK



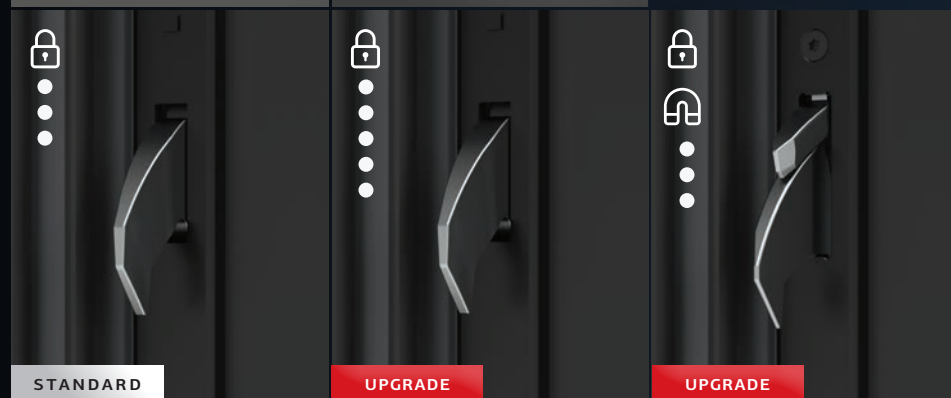
# LOCKING SYSTEMS FOR COMPLETE SECURITY

Pirnar offers state-of-the-art locking systems supported by the highest quality locks and management methods. Regardless of whether you choose classic key unlocking, a modern method with a fingerprint reader, or a keypad, you will ensure seamless security for your home.



\* The RC2 package is standardly available for outward opening single-leaf door configurations with a solid leaf, sizes up to 1250 x 2400 mm, without toplights or sidelights. For designs with glass in the door leaf featuring sidelights, toplights, or separate sidelights, the RC2 package is available as an additional option.

## UNLOCKING WITH A KEY



### ARMO

3-point locking system with two solid hooks

### ARMO MAX

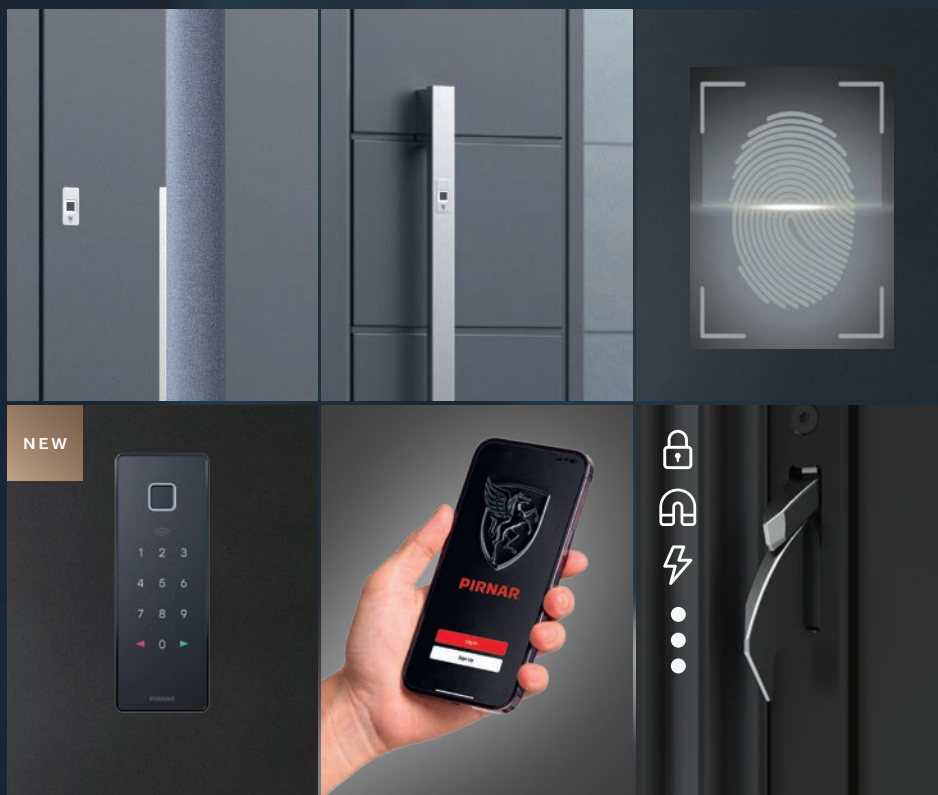
5-point locking system with four solid hooks

### ARMO COMFORT

3-point locking system with two solid hooks and day/night function

RECOMMENDED  
UPGRADE

UNLOCKING WITH FINGERPRINT READER, KEYPAD, OR CHIP WITH  
THE ARMO COMFORT ELECTRO OR ARMO COMFORT ELECTRO PLUS SYSTEM



### ARMO COMFORT ELECTRO AND PLUS

3-point locking system with two solid hooks, electric opener, and day/night function.  
Upgradeable to the Armo Comfort Electro Plus lock, providing a fully motorised solution for  
safe and comfortable use of the entrance door.



# GLASS

Enhance the appearance of your entrance with a thoughtful selection of premium decorative glazing from Pirnar's glassworks.

STANDARD



Clear

STANDARD



Satinato white

UPGRADE



Clear with motif

UPGRADE



Satinato with motif

NEW

UPGRADE

NERO

MARINE

# HANDLES

Refine your entrance door's interior with elegant and technologically refined handles that aesthetically complement your interior design.



## ELEGANZA

Surface finish in the colour of the door leaf



WATCH THE VIDEO ABOUT HANDLES

## ELEGANZA

Eleganza, with refined elements, enhances the use of doors and creates a cohesive and aesthetically perfect appearance for the entire entrance interior.

UPGRADE



## ELEGANZA

Surface finish: NERO EDITION

STANDARD



Lever handle 6039

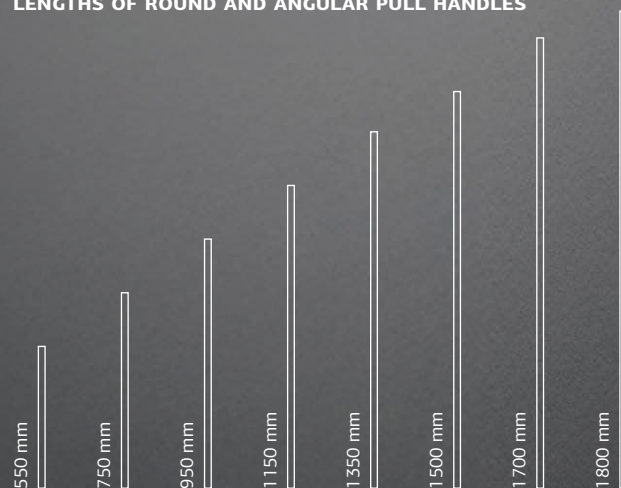
UPGRADE

UNIQUE PERSONALIZATION OPTIONS

# EXCEPTIONAL PULL HANDLES

The pull handle is one of the most personal elements of a door. Every resident touches it at least a thousand times a year, which is why we at Pirnar dedicate considerable attention to it. Each model has a specific selection of basic shapes, either round or angular, with an exact length determined. For the best impression and personal touch, we have created several series of unique illuminated pull handle upgrades using patented technology, awarded the prestigious international German Design Award Special 2019.

LENGTHS OF ROUND AND ANGULAR PULL HANDLES



For additional information on the full range of available pull handles and lighting upgrades, please consult our sales staff.



## SMARTLUX

Subtle ambient lighting from behind the pull handle evokes a feeling of elegance, safety, and warmth at home.



## LABELUX

Pirnar's patented technology allows your surname or any desired inscription to shine in the middle of the pull handle, perfectly aligned with the surface.



UPGRADE

# ACCESSORIES

Enhance the appearance of your entrance door with various decorative accessories.



SMART  
LUX

NERO

MARINE

SMART  
LUX

NERO

MARINE

Protective trim 20 mm

SMART  
LUX

NERO

MARINE

Protective trim 50 mm

SMART  
LUX

NERO

MARINE

Protective trim 105 mm

NERO

MARINE

Cylinder protection



Digital peephole



Peephole

# COLOURS AND WOOD IMITATIONS

Choose from the most popular colours and wood imitations, or view the complete selection of a rich palette of standard or fine-structured colours and wood imitations via the QR link.



## ALU METALLIC AND FINE-STRUCTURED

Fine-textured paints provide a stylish look, are more durable and scratch-resistant.

PIRNAR  
50  
OPTIMUM



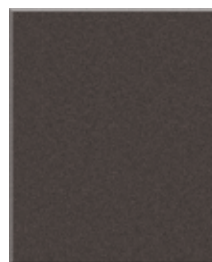
65650



70105



70161



70784



DB 703 (80077)



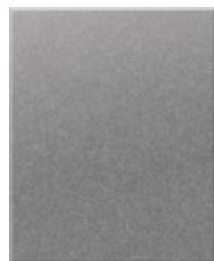
90146



FS 5010



FS 5024



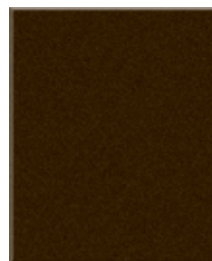
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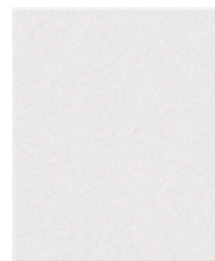
FS 3004



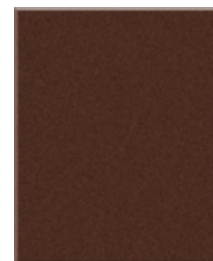
FS 7016



FS 8019



FS 9016



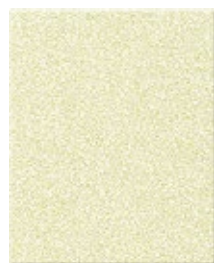
FS 8016



FS 7022



Gris 2900 Sablé



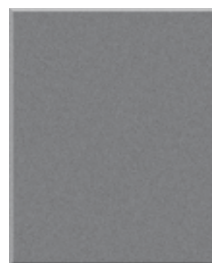
FS Quarz 1



FS Quarz 2



RAL 9006



RAL 9007



DM 02



DM 03



Noir 2100 Sablé YW359 F



Precious Sand FS



FS 9005



FS 6005



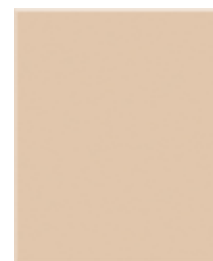
FS 7021



FS 7035



FS 7039



FS 1015



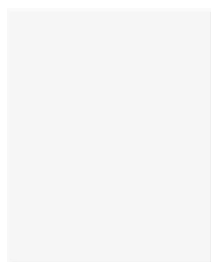
Cast Iron FS



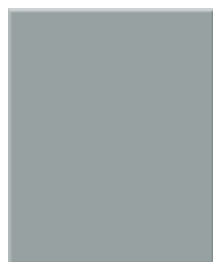
FS 9010



## ALU MATTE



RAL 9016 matte



RAL 7040 matte



RAL 7012 matte



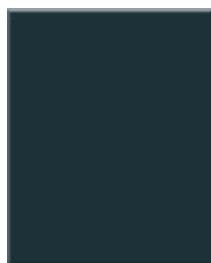
RAL 8019 matte



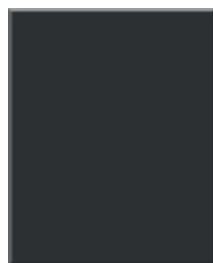
RAL 1013 matte



RAL 7004 matte



RAL 7016 matte



RAL 7021 matte



RAL 8016 matte



RAL 3004 matte



RAL 5002 matte

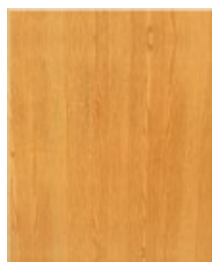


RAL 6005 matte



## WOOD IMITATIONS

Standard patterns run vertically in the wood imitation, except for the natural oak and twisted oak imitations, where patterns run horizontally. For more information and to view samples of wood imitations, please visit our showroom. The sample represents the wood imitation sizes of 100 x 140 cm.



English oak



Rustic



Golden oak



Oiled oak



Oak Winchester



Dark oak



Black oak



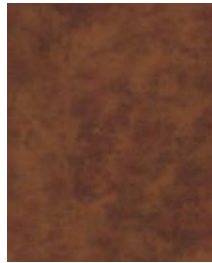
Cherry



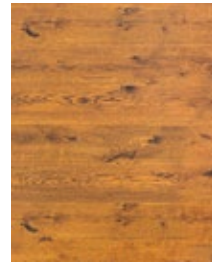
Vintage old  
dark wood



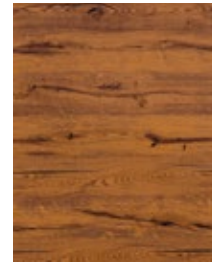
Concrete imitation



Corten



Natural oak



Twisted oak

CUSTOM COLOUR  
OPTIONS AVAILABLE.



# OPTIMUM



7110 → 17



7130 → 31



7150 → 30



7160 → 24



7180 → 27



7190 → 35



7200 → 18



7210 → 18



7211 → 17



7230 → 32



7270 → 31



7280 → 24



7290 → 24



7300 → 37



7310 → 27



7320 → 26



7330 → 33



7340 → 34



7370 → 34



7390 → 37



7410 → 28



7450 → 29



7460 → 28



7470 → 25



7471 → 25



7480 → 20



7490 → 21



7500 → 20

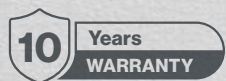
PIRNAR  
52  
OPTIMUM



reddot award 2019

## WARRANTY

Pirnar aluminium entrance doors come with a 10-year warranty – a clear commitment to quality, durability, and a peace of mind. This extended cover protects your investment and reflects the outstanding performance of every Pirnar entrance door.



### 10 years:

- Door functionality
- The durability of the powder-coated aluminium surface of the doors, including resistance to cracking, peeling, and excessive fading of the coating under normal environmental conditions

### 5 years:

- For the airtightness of thermal insulating glass
- The visual consistency of the glass with the EN 1279:2018 standard

### 2 years:

- For issues pertaining to the performance of the door's built-in hardware (lock, cylinder, handle, self-closing mechanism, handles)
- For the performance of electronic components

The full warranty terms and conditions can be found at [www.pirnar.co.uk](http://www.pirnar.co.uk).

Pirnar models are protected by copyright. We reserve the right to change prices, technical specifications, and equipment without prior notice. Due to technical printing reasons, variations in color or glass may occur. Please verify colors according to the applicable RAL color chart. The painted surfaces of Pirnar doors are colorfast due to special treatment.

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