



*Intelligent Door Solutions*

**Garage door systems and hinged doors**

- Project hinged doors and frames
- Industrial door systems
- Docking and logistics systems



**PREMIUM SECTIONAL GARAGE DOORS WITH EXCEPTIONALLY GOOD INSULATION**

**EXTRA-EFFECTIVE EXTRA-PLUS HEAT INSULATION**



## CHOOSE ENERGY EFFICIENCY THROUGHOUT YOUR HOME!

With the new Premium Plus sectional garage door, your garage is protected against wind and weather. The exceptionally good insulation helps to ensure that your garage, with a living area next to it or above it, does not cool down too much even in winter. This way you avoid heat loss and actively contribute to optimising the entire building's performance balance.

This brochure gives you all the details about our premium door with its extra-effective EXTRA PLUS.

Are you looking for maximum energy efficiency and the greatest possible safety and security in addition to premium quality and the utmost ease of use? Then choose premium sectional garage doors with a total section thickness of 70 mm, made by Novoferm.



## OVERVIEW OF BENEFITS

- Large selection of modern and top-coated surfaces and colours
- Uniform appearance of inside of door, with smooth surface and coordinating details (hinges, profiles, etc.) coloured to match the door leaf
- Maximum personal safety with anti-pinch protection inside and out
- Reliable recognition of people and obstacles with the optional "Easy" safety opto sensors
- Smooth door travel thanks to stainless steel ball-bearing tandem rollers and extremely quiet garage door operators
- Spring technology with either a vertical extension spring system or horizontal torsion spring shafts
- Great ease of use with smart-home-compatible garage door operators

## YOUR EXTRA-PLUS INSULATION AND ENERGY EFFICIENCY

- The sections have exceptionally good thermal and acoustic insulation with an insulation performance of  $K = 0.34 \text{ W/m}^2\text{K}$  and a total section thickness of 70 mm
- Patented thermally broken sections
- Additional seals between the sections and a double floor seal
- Window variants and cutouts in triple glazing also available on request
- The optional Novoferm thermo frame set can increase heat insulation by up to 15%\*
- Modern, energy-saving LED lighting for Novoferm garage door operators and additional accessories (e.g. light strips)
- Garage door operators with low power consumption of only 0.5 watts in standby mode

\* Performance dependent on door pattern and size.



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## EXTERNAL VALUES PREMIUM QUALITY YOU CAN SEE

### 1 For private garages up to 5500 mm width

Premium Plus sectional garage doors are ideal for private garages and double garages up to a width of 5.50 m in new builds and renovations.

### 2 Large selection of top-coated surfaces and colours

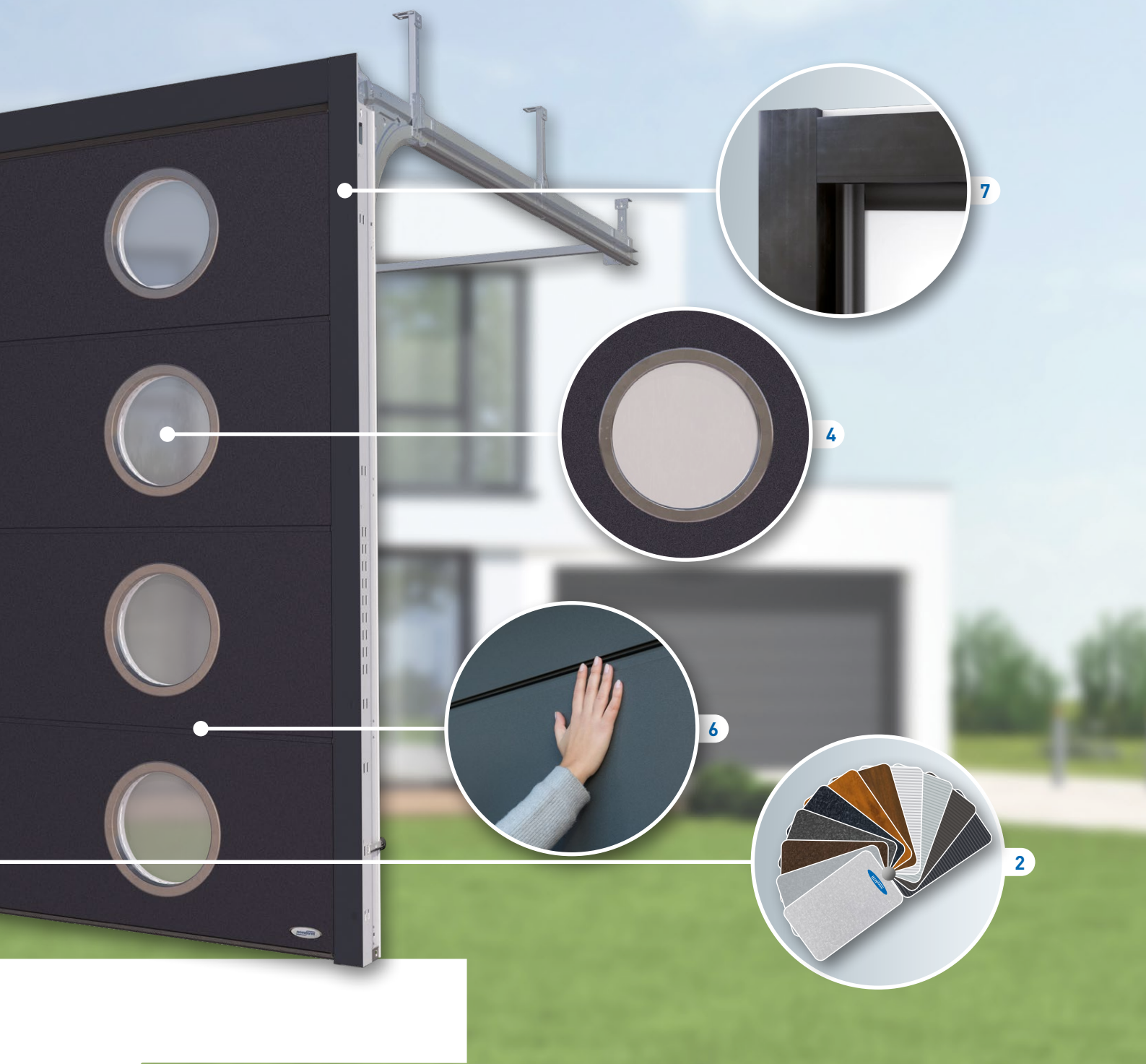
Premium Plus sectional garage doors with paint finishes, wood effects and our satin surfaces are top coated. As well as giving your garage an elegant look, our quality surfaces are more resistant to environmental factors.

### 3 Double skinned and insulated

Our steel sections are exclusively manufactured in a double-skinned sandwich construction and filled with an insulating rigid PUR foam core. With a thickness of  $\approx 67$  mm (insulation performance  $K = 0.34$  W/m<sup>2</sup>K), this core ensures superb thermal and acoustic insulation.

### 4 Triple-glazed windows

Also available with triple-glazed window variants that provide not only excellent heat insulation, but also outstanding light permeability.



**5 Double floor seal**

The double floor seal on the bottom edge of the door guarantees the best possible protection from water and dirt while smoothing out any slight unevenness in the floor. It also reduces heat loss.

**6 Anti-pinch protection inside and out**

The special design of the sections and hinges prevents pinching on the door leaf from the outset. Pinching is not a risk on the inside of Novoferm doors, either.

**7 Thermo frame set**

The optional sealing and insulating strip system improves the heat insulation by up to 15%\* by optimising the frame along three sides when mounted behind the opening and actively contributes to optimising the entire building's performance balance.

\* Performance dependent on door pattern and size.



## INTERNAL VALUES

### WHAT'S INSIDE THE ISO 70 PREMIUM PLUS SECTIONAL GARAGE DOOR

#### 1 Uniform appearance of inside of door

A highlight of the Premium Plus door is the uniform appearance of the inside of the door. The elegantly smooth "Noblesse" finish on the door leaf and the hinges and profiles in traffic white (similar to RAL 9016) enhance its harmonious overall look.

#### 2 Thermal breaks

The patented thermally broken sections, with PUR rigid foam core and additional seal between the sections, deliver an EXTRA PLUS of insulation.

#### 3 Stainless steel ball-bearing tandem rollers

High-quality, ball-bearing tandem rollers in stainless steel ensure extremely smooth and even door travel.



**4 Optional spring technology**

Smaller sizes of the Premium Plus sectional garage door can optionally be equipped with multiple safety tension spring assemblies or torsion springs. The vertical tension springs require less installation depth (in combination with a low header) and open up new possibilities when space is limited. On larger sizes, the door is equipped with torsion springs, either front or rear mounted.

**5 NovoPort® – unique and flexible**

The NovoPort® patented operator system has an integrated wall switch and door status display on the remote control to increase ease of use. The innovative, flexible side installation, either right or left, rules out any installation problems from the outset, and leaves the ceiling free.

**6 “Easy” safety opto sensors**

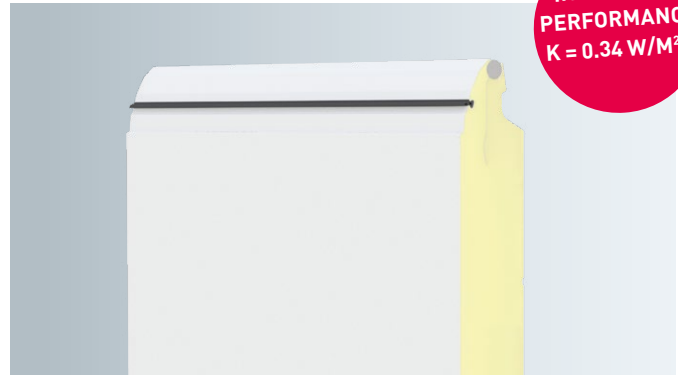
The supplementary “Easy” safety opto sensors reliably detect people and obstacles and stop the closing process if there is any doubt.

## DISCOVER THE BENEFITS TO YOU!

### Exceptionally good thermal and acoustic insulation

The patented thermally broken sections with a total thickness of 70 mm, combined with the sectional door's PUR rigid foam core, ensure exceptionally good thermal and acoustic insulation.

The additional seals between the sections and the double floor seal on the bottom of the door further increase the heat insulation and reduce heat losses.



### Triple-glazed windows

Our Premium Plus sectional garage doors are also available with triple-glazed window variants that provide not only excellent heat insulation but also outstanding light permeability.



### Thermo frame set

The optional sealing and insulating strip system further improves the already excellent performance of double-skinned Novoferm E® sectional garage doors.

The thermal optimisation on three sides of the frame enhances insulation performance by up to 15%\* when mounted behind the opening. A plug-and-clip profile ensures quick and easy installation and can be used on all Novoferm E® sectional doors. The Thermo frame set actively supports the optimisation of building performance.

\* Performance dependent on door pattern and size.



### Energy-efficient garage door operators

The Premium Plus sectional garage door offers maximum ease of use when used with the Novoferm NovoPort® and Novomatic 563 S operators. All our garage door operators and additional accessories (e.g. light strips) have modern, energy-saving LED lighting, which ensures exceptional brightness, economy and energy efficiency. A further benefit in terms of energy savings is that many of our operators only consume 0.5 W in standby.





### High-quality, uniform appearance of inside of door

Compared to other doors on the market, the Premium Plus sectional garage door is also much more attractive on the inside.

The inside door surface is produced in the elegantly smooth "Noblesse" finish. And the door leaf, hinges and profiles are all in traffic white (similar to RAL 9016) for uniform colouring and a harmonious overall look. Furthermore, high-quality, ball-bearing tandem rollers in stainless steel ensure extremely smooth and even door travel.



### Tested safety and security

Novoferm's Premium Plus sectional garage doors guarantee the highest levels of safety and security. In addition to personal and functional safety for family and friends, thanks to anti-pinch protection (inside and outside) and torsion springs with spring fracture safety devices on both sides, our automatic door systems have an electronic anti-opening security device and a self-locking gear. Tamper-proof remote controls protected by multi-part rolling codes are also available. The remote controls are equipped with AES 128-bit encryption to offer maximum security.



### The garage as part of a smart home system

Once you have experienced the benefits of a smart home system, you won't want to do without it. Gradually automating your home will provide added comfort and security for everyday living. The garage should be no exception.

By choosing a Novoferm sectional garage door with a smart-home-compatible operator, you can simply integrate it into your existing smart home system as a new function. Our technology is compatible with all common smart home systems (Innogy, Homematic IP, Delta Dore) and all functions can be controlled using a single app.

With the app, depending on your smart home partner, you can control your garage door and the operator lighting, query the door status and move the door into the ventilation position.



## YOUR EXTRAS FOR ADDITIONAL SAFETY AND STYLISH LIGHTING

### "Easy" safety opto sensors

These make your door even safer, even if you're not watching it – whether you close your door with a remote control or your smartphone. Our new safety opto sensors are a welcome addition to any garage door because they reliably detect people and obstacles and stop the closing process if there is any doubt.



### LED light strip

The LED lighting unit attractively highlights your garage door and the overall architecture of your house. Long-life LEDs provide bright illumination yet consume very little power.





### ENORMOUS RANGE OF MODELS AND ACCESSORIES

Add your own personal touch to your garage door – our Premium Plus sectional garage doors with exceptionally good insulation are available in two patterns with all the top-coated surfaces and colours from the Novoferm range listed below.

#### Door patterns





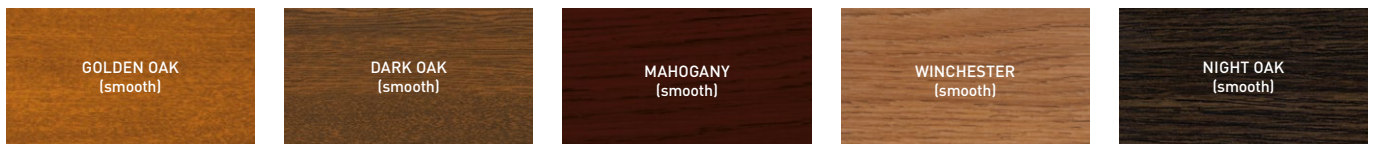
Most of our surfaces are top coated

# PREMIUM PLUS SECTIONAL GARAGE DOORS TO SUIT THE ARCHITECTURE OF YOUR HOME

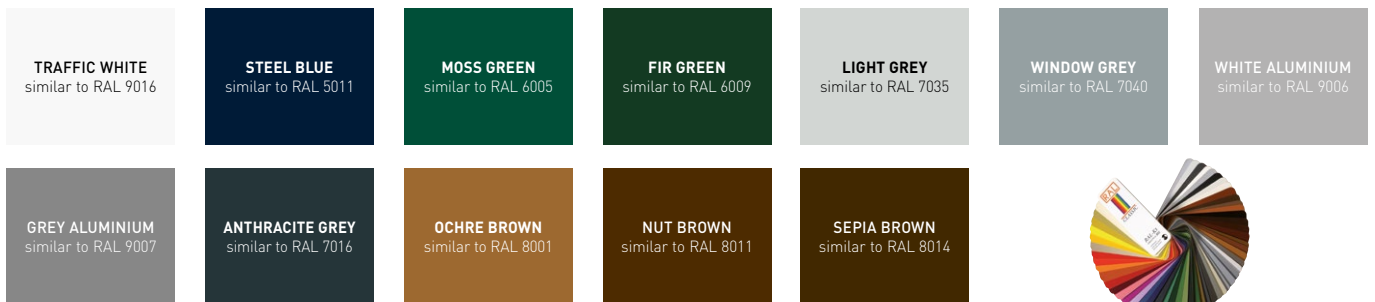
## Modern satin surfaces with a low tendency to soil



## Authentic wood effects




## Preferred colours or RAL of your choice in elegantly smooth „Noblesse“ surface





*Intelligent Door Solutions*

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