

More safety, security
and convenience with
NovoRol



Coming Home – Automatic Insulated Roller Door Systems

www.novoferm.co.uk



a member of the Sanwa Shutter family

Welcome Home

What could be better than being welcomed home with open arms? In the evening after a long working day; in the autumn when it's really windy; or in the winter when just the thought of getting out of your car makes you shiver all over – your Novoferm Insulated Roller Garage Door will open at the push of a button and welcome you home.

And your Novoferm stockist warmly welcomes you too. After all, he's got just the right solution for your garage. No matter whether it's for a new building, or a garage renovation - automatic roller garage door systems from Novoferm are always your best choice.

Welcome to Novoferm

Novoferm is a member of the Sanwa Shutter family, the world's largest manufacturer of automated garage door systems.

Founded fifty years ago, now with annual sales in over 60 countries totalling more than £1.3 billion and with over 8,400 employees, Sanwa Shutter has become the world's number one company for metal door systems – providing everything from: garage doors, industrial doors, door and gate automation systems, shutters, shop-fronts and steel hinged door systems for security, personal access and fire protection. Many of our products come with a 10 year guarantee and are supplied through a global network of qualified local dealers/installers.

We are passionate about providing our customers with doors that guarantee safety, security and convenience – in their homes, in their workplaces, their hospitals, schools, airports and shops.

Discover door systems from Novoferm. Your door... Our passion!

Visit us at www.novoferm.co.uk





Contents

NovoRol Automated Garage Door Systems	4-5
NovoRol features at a glance	6-7
Specification and Optional Extras	8
Fitting options	9
Choice of Finishes and colours	10
Guarantee	11





The NovoRol Automated Roller Door System.

Exclusive safety and convenience with added security:

NovoRol is the new, Automated, Insulated Roller Door System from Novoferm – an ideal solution for people who want to improve the appearance of their home and gain extra space in their garage. The clear lines and sensational finishes available in the NovoRol range can add value to any home. Choose from the crisp white polyester coated finish, or a wide variety of laminated wood-grain colours – providing a longer lasting finish with a 10 year guarantee (see pages 10-11 for details).

Safety

All Novoferm products are independently tested to the highest standards and are certified to the high safety requirements and performance characteristics of European Standard EN 13241-1. In the event of an obstacle impeding the door entrance the Novorol Safety Edge will stop and return the door to the open position.

All NovoRol doors are fitted with an anti-drop safety brake device, to protect the user in the unlikely event of the aluminium door curtain un-rolling in an uncontrolled manner.

All Novorol doors are also fitted with a full NovoShield cover to prevent accidental finger entrapment and to cover the door curtain.

Security

NovoRol has built in autolocks. When the door is closed a spring clamp device holds the door down tight.

Convenience

NovoRol is the ideal solution for people who want to gain extra space in their garage. In fact, NovoRol only needs 30cm x 30cm (12" x 12") of head room space. NovoRol opens vertically so you can park your car close to the garage door – ideal for short driveways! The push button automation makes it so easy to open and close your garage door.

Insulated

The insulated aluminium profiles of the NovoRol provide a thermal and acoustic barrier. This could reduce your energy bills, reduce your carbon footprint and provide noise reduction, compared with an uninsulated door.





The insulated door that simply rolls away.

Your NovoRol features at a glance:

Space saving NovoRol opens vertically and rolls compactly. This allows you to park your car close up to the door. Furthermore, the rolled up door curtain does not block off ceiling space inside your garage. The integral drive unit is built into the door and requires only 30cm (12") headroom.

Powerful drive unit The drive unit is a powerful, high quality tubular motor, with manual override.

Built-in quality and security All Novorol doors are manufactured in accordance with ISO 9001 quality management system, ISO14001 Environmental Management System and are security tested.

Interior light An interior light is provided within the Novorol control box.

Noise reduction and thermal insulation The impressive 15mm thick insulated curtain acts as a sound barrier and has a typical U value of 5.2 W/m²K.

NovoRol Safety Edge At the bottom edge of your door is an emergency sensor which will stop and reverse when the door is in operation, if it senses an obstruction. The Safety Edge incorporates a unique infra-red Opto-Sensor system.

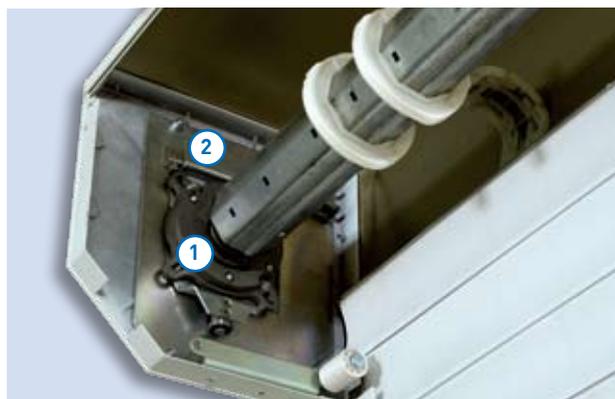
Choice of finishes A white interior finish creates a lighter, cleaner finish to the inside of your garage. Externally your NovoRol door can be supplied in either a white polyester powder coated finish or a choice of attractive and hard wearing laminated woodgrain finishes, plus a smooth Golden Oak woodgrain finish. The laminated woodgrain is harder wearing than a normal paint finish, is guaranteed for 10 years and looks great too! (See page 11 for details of your guarantee.)

NovoShield Cover All Novorol doors are provided with an extra important safety feature. The NovoShield cover, finished in white as standard, shields the user from accidental finger entrapment and provides an attractive finish to the door curtain.

Pivo-Glide Behind the NovoShield cover there are special sliding end brackets, enabling your door curtain to be fed straight into the tracks as the door unrolls, thereby reducing noise, wear and scuffing of the door curtain.

Remote controls Two compact, push-button remote controls are provided as standard.

Virtually maintenance free NovoRol requires very little maintenance, but an annual low cost service from your local stockist will ensure your door provides many years of untroubled use.



NovoShield removed to show position of
(1) Safety Brake and (2) Pivo-Glide bracket

Standard specification

All NovoRol garage doors are:

- ✓ Constructed from 77mm double walled aluminium lathes filled with CFC free insulating foam.
- ✓ Supplied complete with remote controlled powered operation and two hand transmitters.
- ✓ Supplied with polyester powder coated aluminium guide channels.
- ✓ Supplied with the exclusive NovoRol control box and Safety Edge system, plus a Safety Brake.
- ✓ Supplied with a NovoShield box cover.
- ✓ Supplied with Pivo-Glide sliding end brackets.
- ✓ Supplied with manual override connector and crank handle.

Important information

- All NovoRol doors are made to measure. Roller doors are ordered using the guide height (opening height) and overall guide width (opening width plus 2 x guide width).
- NovoRol doors can be fitted either internally, externally or within the reveal.
- Please state whether you want the motor fitted to the left or right hand side of the door, as viewed from the inside looking out (or if the door is to be fitted externally, from the outside looking in).
- Doors that are required for external fitting are only available in white polyester paint finish.
- Polyester paint finish is hardwearing and baked on. Textured woodgrain colours are laminate foil finishes and extremely durable.
- Door curtains generally have a white polyester powder coated internal finish, to keep the inside appearance of your garage crisp and clean. (for external mounted doors - the outside and inside door surfaces are always supplied in white). See page 10 for colour options.
- End plates, guides and NovoShield covers are supplied as standard finished in white polyester powder coating.
- Some marking may occur at the top of the internal side of the door curtain. This is unavoidable and is due to prolonged contact with the auto-lock system.
- Due to the manufacturing process, the base rail may vary in colour from the rest of the door.
- When fully open the door curtain will hang down approximately 80mm below the top of the guides.

Optional extras

NovoShield in optional colour



Replacement or extra key fob transmitters (2 channel mini/micro and 4 channel mini)



Guide rails in optional colour

Low level external override kit
(Enables the door to be opened manually in emergencies, from both the inside and outside of the garage.)



Internal rocker switch (signal 107)



Wireless key switch (signal 512)



Standard wireless keypad (signal 214)



Standard wireless keypad (signal 215)



NovoShield

Finished in white as standard colour, shields the user from accidental finger entrapment and provides an attractive finish to the door curtain.

Safety Brake and Pivo-Glide

A safety brake is supplied as standard together with Pivo-Glide sliding brackets which reduce noise, wear and scuffing of the door edges.

Guide Rails

NovoRol guide rails made from 90mm aluminium profile with a polyester powder coated finish.

Manual Override

A connector and crank handle are supplied as standard, so your door can be opened, from inside, even during a power cut.

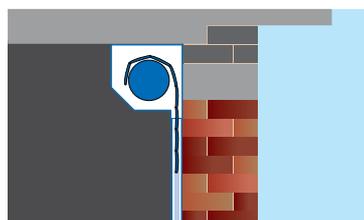
NovoRol Control System

An interior light is provided within the self contained NovoRol control box.

NovoRol Safety Edge

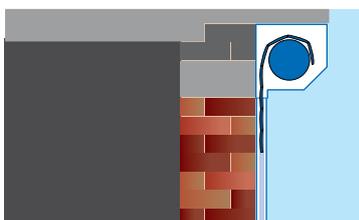
Supplied as standard. At the bottom edge of your door is an emergency sensor which will stop and reverse when the door is in operation, if it senses an obstruction.

Fitting options



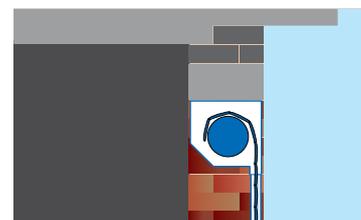
Internal

NovoRol may be installed inside the opening to the garage. This is ideal when headroom inside the garage isn't seriously restricted. Internal reveal fixing may be used to great effect in arched openings.



External

NovoRol may be installed in front of the opening to the garage. This is ideal when headroom inside the garage is particularly restricted. Note some marking may show over time at the upper corners of the door. Only supplied in white.



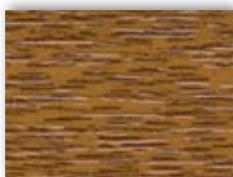
Reveal

NovoRol may be installed in the garage opening itself. This option gives maximised internal space in the garage, whilst not obscuring the exterior of the garage. Requires good reveal headroom. When the reveal fix option is chosen it may also be necessary to strengthen the lower edge of a 90° fascia in order to prevent it from marking the door's curtain during operation.

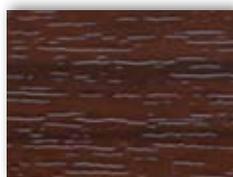
Choice of finishes and colours

Manufactured from strong corrosion-resistant aluminium with an insulating core, NovoRol is available in a range of fifteen finishes. These durable factory-coated finishes eliminate the need for painting and ensure that your door continues to look good for years and represents a sound investment for your home. Once installed, NovoRol is very low maintenance and comes complete with a comprehensive 2 year guarantee on all polyester painted finishes. Furthermore, laminated woodgrain finishes are warranted for a period of 10 years against significant fading, change of colour or delamination (see opposite for details of the warranty).

Textured woodgrain finishes (applied to external surface of the door only)



Golden Oak



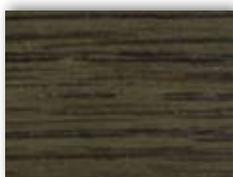
Rosewood



Oak



Natural Oak



Moorland Oak



Black Ash



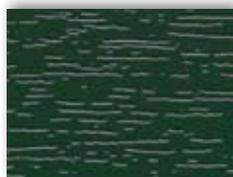
Dark Red



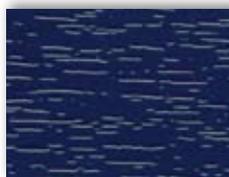
Wine Red



Moss Green



Dark Green



Steel Blue



Cream White



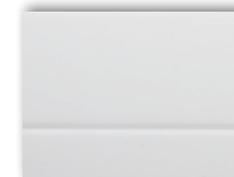
White

Smooth woodgrain finish (applied to internal and external surfaces of the door)



Golden Oak

Smooth polyester finish



White

Important notes on colour

Colours shown in this brochure do not necessarily match those of the finished paint colours. If you are unsure of your colour choice please ask your Novoferm Stockist for a sample. Colour references quoted are the nearest standard RAL or BS references to the colours used. They will not be an exact match and are intended as a guide only.

Warranty for NovoRol Garage Door Systems

Warranty periods offered:

The purchaser is granted a warranty covering the safe and reliable operation of the NovoRol garage door for a period of 10 years from the date of purchase. This warranty is conditional on the regular inspection and maintenance of the product, in accordance with the installation manual supplied with the door. During the guarantee period the manufacturer undertakes to repair, without charge, any product which has suffered a proven failure of its safe and reliable operation, provided that the door has been inspected regularly (at least once a year) and maintained correctly, including replacement of wear items when required.

NovoRol garage door systems are guaranteed against any form of manufacturing defects for a period of 2 years from the date of purchase. The finish of white powder coated doors is guaranteed for a period of 2 years.

In the case of textured woodgrain finished doors, the exterior finish is guaranteed to provide an effective weatherproof membrane which will resist perforation of the NovoRol door from the weather-side due to corrosion for 10 years. Furthermore, colour change or fade to the exterior surface will be limited and uniform for the full 10 year period.

NovoRol electric operators are guaranteed against any form of manufacturing defect for a period of 5 years for mechanical elements, motors and transformers. Radio equipment and electronics are guaranteed for a period of 2 years. No warranty claims will be accepted for wear and tear parts and consumable parts (e.g. light bulbs and batteries).

Requirements:

The warranty only covers damage to the purchased garage door system. The fully completed service record, together with receipt of purchase, correspondingly substantiates your right to claim under warranty. Warranty claims are only accepted in the country where the garage door system was purchased. The product must have been purchased through our authorised distribution channels. Consequential costs for installation and de-installation, inspection of parts, transport and postage costs will not be accepted by Novoferm.

This warranty applies to all goods sold on or after 1 June 2008 until further notice.



Performance:

During the warranty period we undertake to rectify any and all defects to the Novoferm product which can be proved to be attributed to a material or manufacturing fault. We promise, at our discretion, to either exchange the defective merchandise, repair or allow a reduction in price. Replacement parts remain our property.

This warranty does not cover damage caused by:

- Improper installation and negligent care and maintenance
- Improper initial and subsequent operation
- Negligent or wanton destruction
- External influences, such as fire, water, salts, alkaline solutions, acids and any abnormal environmental influences
- Mechanical damage, through improper transport and fitting, or falling or hitting objects
- Improper use of surface protection treatments
- Repair by non-qualified persons
- Using non-Novoferm parts without the written approval of the manufacturer
- Removal of the product number, or making it unidentifiable
- Application of additional, non approved weights or infills