

More security and
convenience with VivoPort®
built in automation



Coming Home – Automatic Up & Over Garage 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 Up & Over garage door will open at the push of a button and automatically 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 Up & Over 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 doors 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.

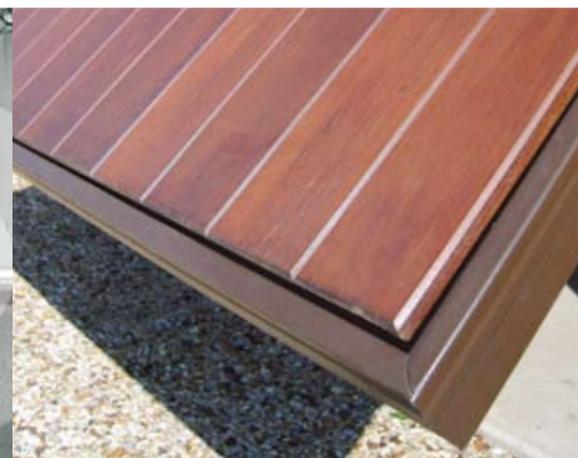
Discover door systems from Novoferm. Your door... Our passion!

Visit us at www.novoferm.co.uk



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The patented operator system without ceiling assembly.



Exclusive convenience with added security: the VivoPort II® built-in operator system.

VivoPort II® - is the new Up & Over automatic door system from Novoferm - the only door of its class with a built in opener on the door leaf. Together with a unique high security locking system - this door is an innovation in garage door engineering.

Safety In the event of an obstacle impeding the door entrance the microprocessor controlled safety switch cuts out, stopping the garage door on the closing cycle.

Secure The VivoPort II® door includes perhaps the most effective locking available on a remote control up and over door. When closed, it locks automatically utilising the new electronic locking device - thus making it a market leader in secure garage door systems.

Clever Motor disengagement is very simple - unlock the handle and turn to release the door for manual operation. Allows access in the event of power failure.

Engineered Operator shaft and castors designed for efficient and quiet running operation.

Your VivoPort II® features at a glance:

- **Integral drive unit** The integral drive unit is built onto the door leaf and requires no extra headroom thus taking less garage space. The VivoPort II® is the optimum space saver as you no longer need a traditional ceiling mounted operator.
- **Ultimate door security** VivoPort II® doors now come with a steel door frame and extra strength robust steel lock rods which secure into the keep and chassis of the door frame. This is one of the most secure Up & Over doors you can install!
- **Straight forward to install - effortless to operate** VivoPort II® is ready to plug in! It comes pre-hung in a steel door frame ready for a fast and easy installation. Even if you don't have electricity in your garage you can operate this door using the Accumulator Pack (see page 14 for details).
- **Effortless** The fully automatic door system for Novoferm Steel and Timber Up & Over doors.
- **High Security now as standard** Automatic electronic locking as standard.
- **Space saving** Requires no awkward ceiling fixings or special power points and comes pre-assembled from the factory.
- **VivoPort II®** Is supplied as a complete door system - it is not possible to install to already existing Up & Over doors.
- **Low energy costs** Now includes new low energy LEDs.



Smooth running and very reliable: Novomatic ceiling mounted operators

When you choose a Novomatic ceiling mounted operator you choose Novoferm premium quality based on state-of-the-art technology. Novomatic operators are perfectly matched to all Novoferm garage doors and certified in accordance with the latest European safety guidelines.

They are reliable, maintenance free and, thanks to the built in DC motor, extremely quiet running. The automatic force monitoring ensures a high level of safety in any situation. If an obstruction is located within the door's range of movement, the operator immediately stops the closing door and causes it to open again.

Novomatic features at a glance:

- Simple operation
- Soft start and soft stop function
- Integrated shutdown stopping device and electronically monitored push-up safeguard
- Adjustable opening time from 10 to 240 seconds
- Programmable inside lighting and connectable outside lighting
- Connectable traffic light control*, ideal for underground parking
- Power economiser
- Manual quick unlocking device in case of power cut etc.

*Only for Novomatic 553 S and 803 S.

It runs and runs and runs

The wear resistant top-quality toothed belt in a hot galvanised steel profile ensures quiet and smooth running and long-term, reliable garage door operation. The toothed belt is reinforced on the inside with fivefold steel cables, oil and acid resistant and completely maintenance-free.

Practical – which ever way you turn it

The flat operator head of the Novomatic can be turned by 90° or 180° if required. This saves up to 15cm space when the slide-in depth is, for example, reduced due to a wall construction. The operator track does not have to be additionally shortened either.

Programming made easy

Novomatic can be conveniently and easily programmed with three buttons and a concise 7 segment display. No setting can be overlooked during programming thanks to the systematic menu navigation. All settings are infinitely saved, even in case of a power cut. The operating state is always recognisable through the transparent cover. Clear error coding allows for a quick and safe fault analysis if required.



The best things come in threes:

Depending on the size of your garage door, Novomatic is available in three models, which are arranged according to push and pull:

Novomatic 403 (500 N):

NEW

This economical introductory operator is for single and double garage doors up to 5,000mm (16'5") in width (max. 10m² (108ft²) door leaf surface). Maximum running speed: 17cm/s (6.7inch/s).

Novomatic 553 S (700 N):

This convenient quick-running operator is for single and double garage doors up to 5,500mm (18') in width. Maximum opening speed: 22cm/s (8.7inch/s).

Novomatic 803 S (1.000 N):

NEW

This powerful operator is for frequently used garage doors as well as solid timber garage doors or garage doors with wicket doors. Maximum opening speed: 22cm/s (8.7inch/s).

A wide range of accessories for the Novomatic operator rounds off everything you need for your garage perfectly. See page 14 for more details.



The Classic choice: Steel Up & Over doors in a range of timeless designs with eye catching detail

Four styles available in two colours and a wide range of sizes, with optional handles and windows, allows you to tailor make a door to suit your needs.

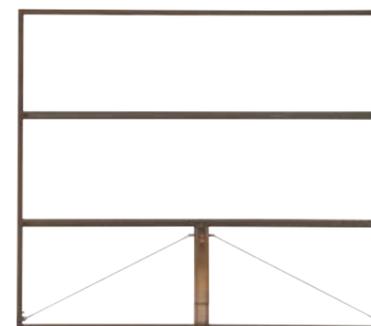
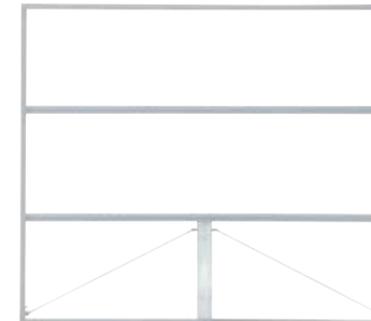
- Classic styling, finest quality.
- Factory pre-finished in polyester based white or sepia brown.
- Supplied pre-framed with a strong steel outer frame for neat and simple installation
- no timber frame to rot or warp.
- Retractable spring assisted opening action is smooth, safe and very reliable.
- High security twin shoot bolts.
- Doors can be supplied for automatic or manual operation.
- Ten year warranty as standard (see page 19 for details)

Open for Infill

The OFI is an open frame ready to take your own design of infill.

Maximum infill weights of 7kgm² for 1,981mm (6'6") high doors and 10kgm² for 2,134mm (7'0") high doors.

Maximum infill thickness 18mm.



Guilsborough



Buckingham



Thornby



Naseby





Door shown without handle - as would be the case when supplied with Novomatic operator.

The Natural choice: Timber garage doors in a range of styles brought to life with the richness of wood.

- Selected timbers, craftsman quality.
- Supplied pre-framed with a strong steel outer for neat and simple installation - no timber frame to rot or warp.
- Retractable spring assisted opening action is smooth, safe and very reliable.
- Doors to be installed side by side should be ordered to match (Please inform your stockist).
- For VivoPort Auto and manual operation a black 'D' handle is fitted as standard (see page 15).
- High security twin shoot bolts.
- Doors can be supplied for automatic or manual operation.
- Ten year warranty as standard (see page 19).

Open for Infill



The OFI is an open frame ready to take your own design of infill. Maximum infill weights of 7kgm² for 1,981mm (6'6") high doors and 10kgm² for 2,134mm (7'0") high doors. Maximum timber infill thickness = 18mm.



Windsor



Henley



Tudor



Chevron



Thame



Jacobean



Horizontal



Vertical



Alderley



Cheadle



Heath



Gatley



Bramhall



Hale



Davenport



Poynton

Doors shown without handle - as would be the case when supplied with Novomatic operator.

Specification of Timber Garage Doors

Novoferm timber doors are constructed to fit the open-for-infill door chassis. This gives the doors their rigid and durable construction.

Our cedar is organically grown from replenishable sources and comes with the colour and grain variations that are a feature of this natural product. Every effort is made to harmonise the effect, by hand matching the component parts used during manufacture. However, a uniform grain pattern cannot be guaranteed.

Novoferm timber doors are supplied with a dip immersion coat of Sikkens WP560, colour ref 006 – Light Oak. The coating is for temporary protection only and the user must apply a finishing coat immediately before or after installation.



Fully finished options NEW



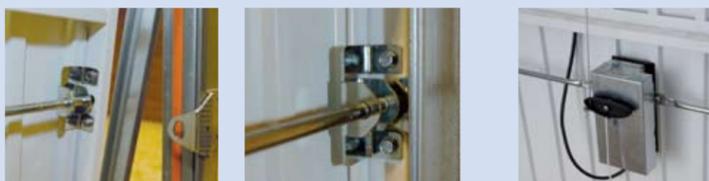
The Novoferm fully finished option is available as a factory finished process, giving a 5 year erosion protection. The product used is Sikkens and is available in nine attractive colours. For south facing situations exposed to strong sunlight the dark colours are not recommended, as they can store excessive heat and dry out.

For your peace of mind: High security locking system

New & exclusive locking device

Steel shoot bolts lock into a bracket on each side of the door frame and into the inner side of the door leaf providing a far more sophisticated locking system than is currently available

on other garage doors today. High security profile lock combined with the new internal locking, makes your new door hard to surpass.



For your convenience: MaxDriveThru'

Many of our doors are supplied* with MaxDriveThru' - raised crank lifting arms which ensure the maximum drive through width is available to the average family saloon.

*Please check for availability - UK (imperial size doors) supplied as standard with MaxDriveThru'.



Door Height	Clearance Height
1940 (6'4")	936 (3'3/4")
1980 (6'6")	996 (3'3")
2080 (6'10")	1045 (3'5")
2134 (7'0")	1075 (3'6 1/4")



Side doors

Side doors in standard sizes are available for left or right handed opening.



Wicket doors

An opening personal access door, built into your garage door leaf. If you have no other entrance to your garage a wicket door is the ideal solution if you want to get to the bike or lawn-mower.



Accessories for automated systems

VivoPort® and Novomatic® openers can be further enhanced with extra transmitters, key switches and coded key pads.



Extra hand held transmitters



18cm

16cm

Accumulator Pack

- Available for VivoPort® only.
- Ideal for garages without an electrical mains supply:
- with connections for 230 Volt and 12 Volt or solar charging.
- For 3 load changes per day (3 x door open + close) 1 full accumulator charge lasts 20 days.
- When it needs to be charged the accumulator emits an acoustic signal in good time, 2 days beforehand.



Wireless Remote Code Keypads



Wireless Remote Key Switch (wired key switch available, see price list)



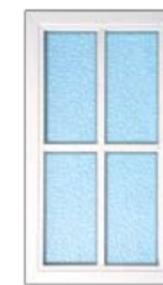
Finishing touches:

Window options

Why not add glazing to your door for a touch of extra style and added natural light. Choose from clear or frosted super tough acrylic with white or brown frames. If Vivoport II® is selected a portion of the opener may be visible through the window from the outside. Window options only available on the Thornby and Guilsborough styles.



Plain clear / frosted



Square clear / frosted



Diamond clear / frosted



Square leaded clear / frosted



Diamond leaded clear / frosted

Door handles

All doors are supplied with a black standard handle, as shown below. A black round handle can be supplied as a no cost option. Handles with alternative finishes are as shown below, available as an optional extra.



Standard handle



Round handle (no cost option)



Brass



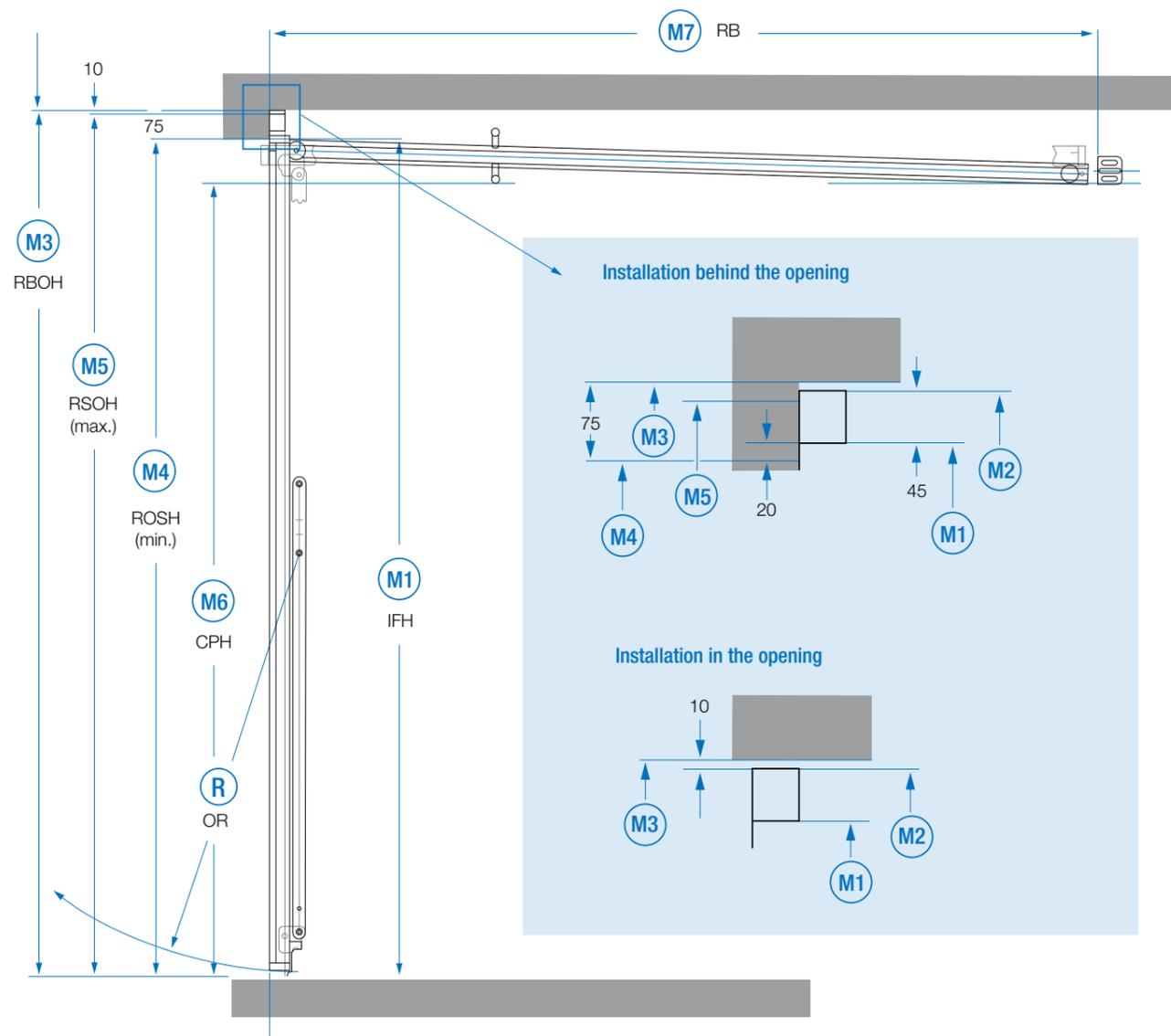
Silver



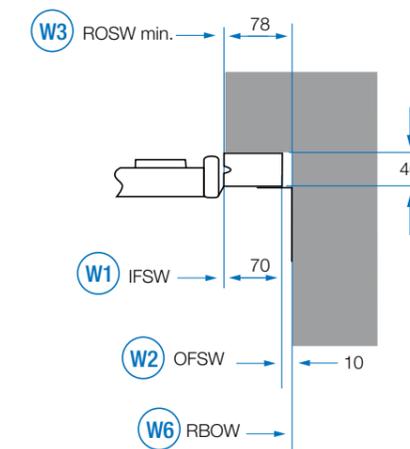
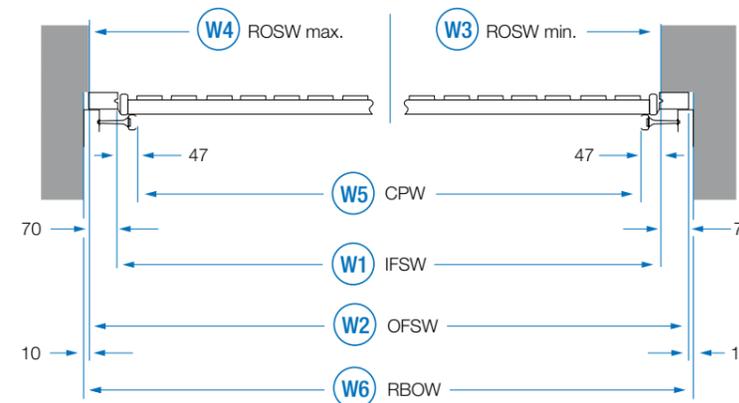
Rustic



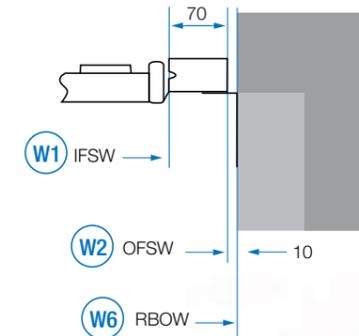
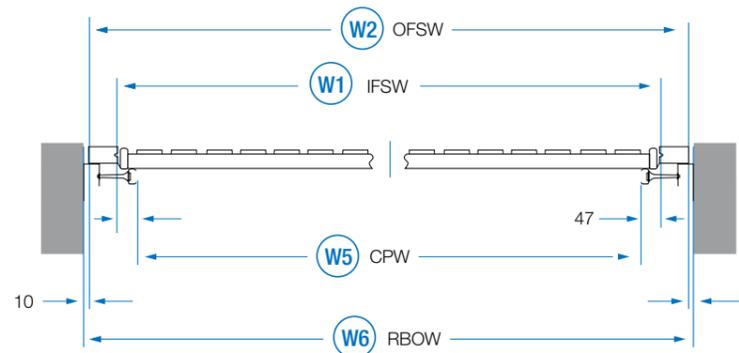
White



Fitting behind the opening



Fitting within the opening



Technical Specifications

Order Height	M1	M2	M3	M4	M5	M6	M7	R
6'4"	1940	1985	1995	1920	1975	1810	1764	1036
6'6"	1980	2025	2035	1960	2015	1850	1724	1096
6'10"	2080	2125	2135	2060	2115	1950	1824	1145
7'	2135	2180	2190	2115	2170	2005	1879	1175

Dimensions in table (above and legend (right)) in millimetres.

- IFH (M1) Internal Frame Height
- OFH (M2) Overall Frame Height (IFH+45)
- RBOH (M3) Rec. Brickwork Opening Height (IFH+55)
- ROSH min. (M4) Rec. Opening Size Height min. (IFH-20)
- ROSH max. (M5) Rec. Opening Size Height max. (IFH+35)
- CPH (M6) Clear Passage Height (IFH-130)*
- RB (M7) Required Backroom (IFH-177)
- OR (R) Opening Radius

*For Vivoport II® doors CPH = IFH-150mm)

Order Width	W1	W2	W3	W4	W5	W6
6'10"	2081	2221	2085	2210	1987	2240
7'	2126	2266	2130	2255	2032	2285
7'3"	2211	2351	2215	2340	2117	2370
7'5"	2261	2401	2265	2390	2167	2420
7'6"	2286	2426	2290	2415	2192	2445
8'	2441	2581	2445	2570	2347	2600

Dimensions in table (above and legend (right)) in millimetres.

- IFSW (W1) Inner Frame Size Width
- OFSW (W2) Overall Frame Size Width (IFSW+140)
- ROSW min. (W3) Rec. Opening Size Width min. (IFSW+4)
- ROSW max. (W4) Rec. Opening Size Width max. (IFSW+129)
- CPW (W5) Clear Passage Width (IFSW-94)
- RBOW (W6) Rec. Brickwork Opening Width (IFSW+159)



Your dream door and what's behind it.

Your car is not the only thing that can be found behind a Novoferm Up & Over garage door. There's also the many decades of experience and expertise of Novoferm and Sanwa Shutter - the world's largest manufacturer of automated garage doors.

Figures that figure for you!

- All Novoferm garage doors and operators are manufactured according to the very strict quality management system ISO 9001.
- All Novoferm garage door systems meet the high safety requirements for the European garage doors product standard EN 13241-1.
- All Novoferm garage doors and operators are tested by recognised institutes both individually and in combination.
- A comprehensive 10 year guarantee is provided [see page 19 for details]
- Despite all this quality assurance, we still make sure that our garage door systems remain good value for money. The competent advice and top-class service of your local Novoferm stockist is also included in the price.



Warranty for Novoferm Garage Doors

All Novoferm products are independently tested to the highest standards and are certified to the high safety requirements and performance characteristics of European Standard 13241-1. You can, therefore, be confident that your purchase of a Novoferm product is a safe investment.

Guarantee Novoferm offers the following warranty for its Up & Over garage door products:

1. Summary (subject to the terms and conditions outlined below):

- **10 years** - Safe and reliable operation (for use up to 25 open and closing cycles per day - This is up to 5 times more daily cycles than other leading garage door manufacturers)
- **10 years** - Integrity of the door panel
- **10 years** - Panel corrosion (inside and out)
- **10 years** - All immoveable frame parts
- **2 years** - All mechanical elements of the door
- **5 years** - Novomatic operator mechanical parts, plus motor and control unit
- **2 years** - Vivoport operator motor and control unit mechanical parts
- **2 years** - All remote control parts and accessories (excluding batteries, bulbs and fuses)

2. Warranty Periods Offered:

The purchaser is granted a warranty covering the safe and reliable operation of the Novoferm 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 springs, wire cables, tracks, guide rollers and hinges have been inspected regularly (at least once a year) and maintained correctly, including replacement of wear items when required.

All Novoferm garage doors offer a 10 year warranty against the integrity of the door panel, as well as 2 years on rollers, springs, pullies and cables for normal use, up to 25 open and close cycles a day.

All Novoferm garage doors offer a 10 year manufacturer's guarantee on material and manufacturing faults of all immoveable frame parts, if it can be proved that they are inoperative, or their use is impaired.

The corrosion of swarf filings or other air borne particles, rusting or staining of the panel is not considered as panel rust.

In the case of Novoferm steel doors, these are supplied factory pre-finished in polyester based white or sepia brown. They are not immune to damage which can occur at any stage of the handling of the product from factory to site. Minor surface damage can be easily repaired using touch-up sprays or sticks without invalidating warranties.

Novoferm timber doors must be finished in accordance with the installation instructions, supplied with the door.

For Novomatic garage door operators, we grant the following warranty, in case of supplying us with the original invoice: 5 years for mechanical parts of the operator, the motor and the control unit; 2 years for remote control parts and accessory parts. For VivoPort operators we grant a 2 year warranty for mechanical parts of the operator, the motor and the control unit; A 2 year warranty is also granted for remote control parts and accessory parts. No warranty claims will be accepted for wear and tear parts and consumption parts (e.g. light bulbs, batteries, fuses).

3. Requirements:

The warranty only covers damage to the purchased garage door or garage door operator. 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/operator 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.

4. 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 through 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
- Failure to remove the protective film or packaging provided with the product, where applicable

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

Care and maintenance of your new garage door

Regular maintenance will help to maintain the smooth operation of your Novoferm® garage door for years to come.

If your door is located near a coastal area, Novoferm® recommends that your door panels should be washed with clear warm water at least twice a month.

Clean moving parts on a regular basis to remove dirt and grit.

We recommend you use a competent garage door specialist to service your door every 12 months.

