

Contemporary Range™

Residential Doorsets



Satisfying the expectations of your residents while meeting your fire safety and security requirements is one of the major challenges facing housing providers.



Ensuring you have a well-designed and cost-effective doorset that provides high performance and reliability is what we do best.

Specifying the correct type of doorset is about assessing the risks in the housing environment and **providing a product** that will meet your requirements. At Gerda®, we recognise that the needs in the housing environment can be challenging and we work with our customers to provide a **sustainable solution for the long term**.

Innovation and Design

Gerda is at the forefront of innovation, bringing doorset design together with fire safety and security in the housing environment.

Whole Life Costs

Our products offer reliability in the environment they are designed for. They offer true value for money both in initial investment and maintenance programmes. Gerda designs and manufactures locking systems, handlesets, letterboxes and other hardware, as well as the doorset.

Quality Assurance

Gerda is an ISO9001 accredited organisation. Our products carry third party accredited certification which means that we are audited by independent UKAS notification bodies, including BM Trada and the British Standards Institute.

Credibility

We work with leading authorities in fire safety and the Fire and Rescue Services nationwide, as well as the police initiative Secured by Design, in order to ensure our products not only meet industry standards, but go above and beyond to ensure they are fit for purpose in the environments in which they function.

Sustainability

We strive to provide products and services that offer benefits to the environment through innovative product design and through our every day practice. We work together with customers to provide a holistic approach and our involvement, from local community events to apprenticeship developments in the locality, reflects our ethos for inclusion.

Aftercare and Maintenance

Gerda provides welcome guides for residents to demonstrate how to operate and maintain their doorset. For other products in the communal area, Gerda offers maintenance services. There is a real benefit in this service rather than going to third parties, particularly as Gerda has designed and developed the product range.

Training

Gerda offers both internal training to ensure members of staff are up to date with the latest products and performance standards, as well as external training in the form of Fire Safety Seminars.

Installation Service

A complete service is available for the survey, manufacture and delivery of the doorset. We offer a high quality installation service directly or through approved partners. Gerda conducts in-house training with a theory element to impart why the correct installation is important in the context of fire safety legislation, as well as practical in-depth training on site.

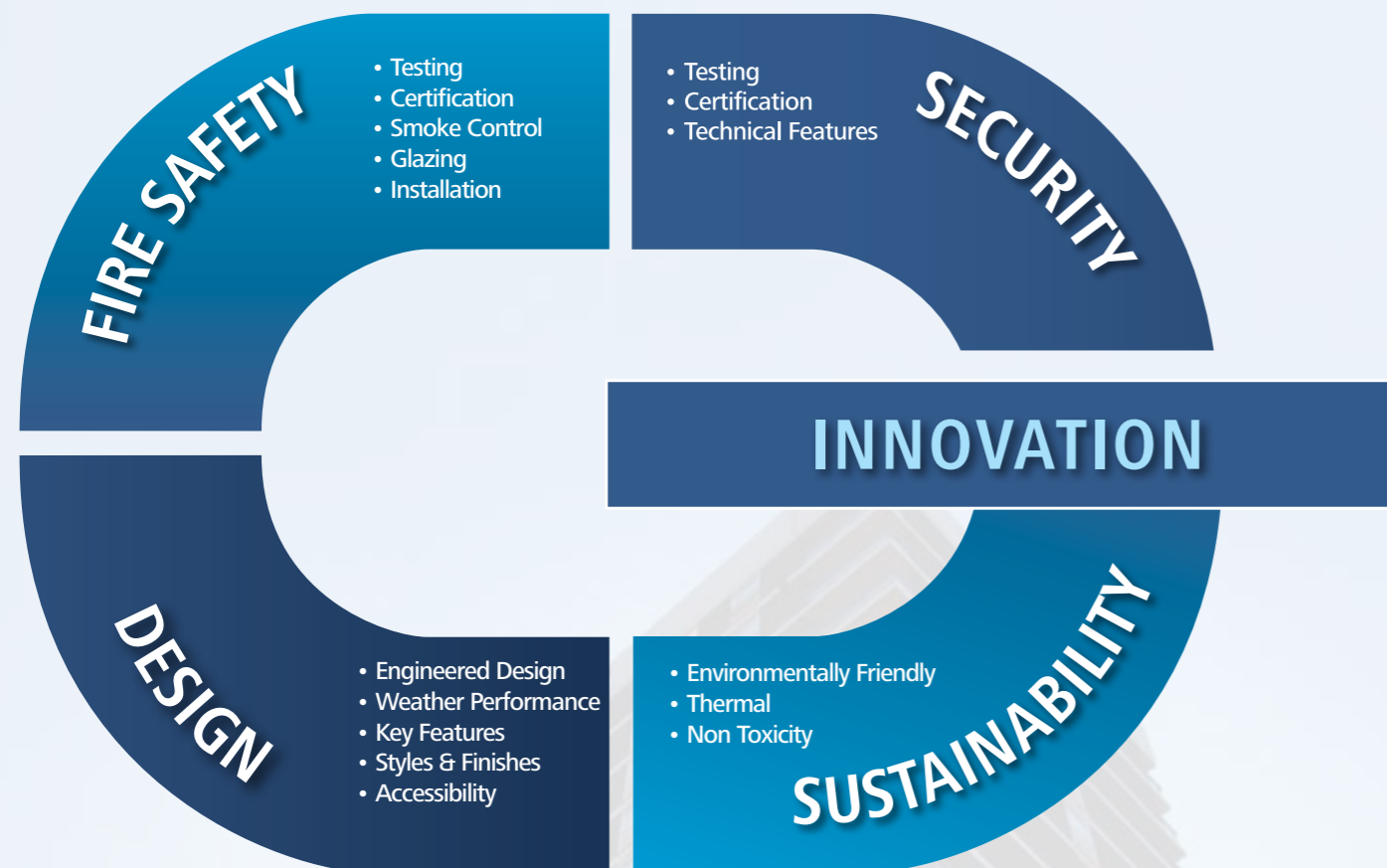
Fire Safety Seminars

The Fire Safety Seminars are held at Gerda's Conference Centre and Showroom in central London. Hosted by leading authorities in fire safety, the seminars span specific market sector subjects such as Fire Safety in High Rise Housing to continuous professional development (CPD) presentations. The seminars comprise interactive demonstrations to highlight aspects of fire safety.

Contemporary Doorset™

The Gerda® Contemporary Range offers the complete solution in residential entrance doorsets for flats, apartments, maisonettes and houses.

Extensively tested with excellent results for **FIRE, SMOKE, SECURITY, ACOUSTICS, THERMAL INSULATION AND WEATHERING.**



FIRE SAFETY

Testing

The Contemporary Range has undergone testing at **major independent UKAS accredited test houses.** Successfully tested for thirty minutes fire resistance in a large full scale test as a complete doorset with side panels and screens and fanlights, the Contemporary Doorset has also undergone full scale smoke and acoustic tests, achieving excellent results.

“full scale fire, smoke and acoustic tests achieving excellent results”



Fire test after 30 minutes

Certification

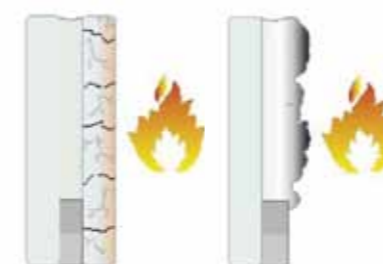
The Contemporary Range carries third party certification through the notified body BM Trada.



Smoke Control

“effective integral smoke control”

The importance of smoke control cannot be underestimated. The Contemporary Doorset is successfully tested in full scale smoke tests to EN1634-3:2004 at an independent UKAS accredited test laboratory. Tests cover wide glazed side screens and panels as well as large glazed fanlights.



Internal structure of glazing turns opaque and expands to form heat shield

The Greenfire™ glazing used in the Contemporary Range offers good features to assist with smoke control. When exposed to fire the internal structure of the glazing turns opaque and expands to form a heat shield, **effectively reducing the transmission of radiated and conducted heat** and provides an integrity barrier against smoke flames and hot toxic gases for 30 minutes.

The internal core of the doorset comprises mineral wool which has naturally occurring fire resistant qualities and **no toxic smoke** is given off from this material in the event of a fire.



Glazing

The innovative Greenfire glazing™ is tested as part of the whole doorset, in a full scale fire test (BS476 part 22 1987) as well as full scale weathering and security tests (BS6375 parts 1 & 2 and PAS23) and security tests (PAS24). It also exceeds the requirements of Secured by Design.

- Meets safety requirements (EN12600)
- EW30 - 30 minutes integrity and radiation reduction
- The glazing offers the ability to withstand fire exposure without transmission of fire to the non-fire side. It maintains radiated heat in front of the glazing below a specified level to provide for safer separation distances and escape ways
- Performs to EN356 P2A - exceeding the requirements of Secured by Design
- Offers excellent thermal properties with UV coating and argon filled spacer
- Offers excellent acoustic properties - 37db.

Installation

Gerda® offers both internal training to ensure members of staff are up to date with latest products and performance standards, as well as external training in the form of Fire Safety Seminars. Installation training is provided to approved partners to ensure they are fully qualified to fit Gerda doorsets.

The training comprises both theory, to impart why the correct installation is important in the context of fire safety legislation, and practical. At the end of the course successful participants are qualified as Gerda installers.

Gerda holds third party accreditation for installation schemes.

“comprehensive training on theory of fire safety as well as practical on-site experience”



SECURITY

Testing

The Contemporary Doorset™ is successfully tested at an independent UKAS accredited laboratory to the latest requirements of PAS24. It is tested as a complete doorset with side panels and screens as well as fanlights.



Certification

The Contemporary Range carries third party certification through the notified body BM Trada. It has been awarded the Secured by Design specification.



Technical Features

Gerda designs and engineers its locking systems to **ensure quality and reliability.**

The main locking system is the Gerda ZW1000 certified lock with latch and three hardened 12mm steel bolts which engage the lock keep with the frame. The lock is certified to BS EN 12209 - grade 7, the highest grade of burglary resistance.

The ZW1000 is equipped with the euro profile cylinder tested to meet anti-bump requirements and BS8621:2007 means of escape requirements.

“renowned engineering design”





Technical Features

The additional Gerda ZW500 lock, situated above the handle, ensures a secure closing facility. It has a euro profile cylinder with thumb turn – enabling fast and immediate exit/entry.

The locking system is not one multipoint locking system but two independent highly secure locks providing an excellent level of security without the need for regular maintenance.

Stainless steel hinges with anti-burglary bolts are secured to the frame. The hinges have been tested to 50,000 cycles under the British Board of Agrément, test report 47742. This equates to 15 years of usage.

“security providing peace of mind”

The Gerda TD1000 certified handleset offers a high level of security for mortice locks and their cylinders. This handleset is recognised for its aesthetic appearance and advanced technical features creating perfect and elegant protection for every door. The Gerda TD1000 handleset guarantees high resistance to burglar attack, achieved by incorporating innovative technology with the manufacturing of internal thermally hardened and tempered steel plates

- Certified to EN1906
- Security grade 4
- Anti-drill & anti-snap cylinder protector
- Performance tested to 300,000 cycles
- Fully concealed fixings on both inner & outer backplates
- Fixed with special, wide diameter bolts (2xM8 bolts and 1xM6 bolt).



DESIGN

“unrivalled durability and stability”

Engineered Design

The Contemporary Doorset comprises multi-material design, with a timber and mineral wool internal core and a galvanised steel external surround with a foil coated veneer or paint finish. The door is engineered to be stable and to prevent bowing. The foil coating is UV resistant.

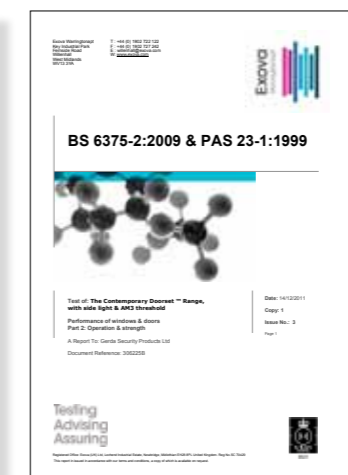
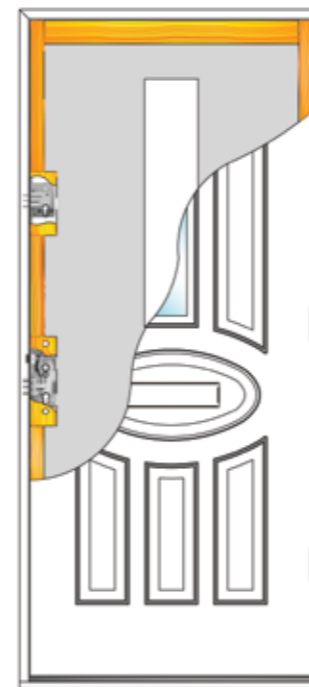
The internal composition of the door leaf gives the door perfect acoustic and insulation properties. Importantly the natural mineral wool offers unrivalled durability. It won't shrink, move or crumble. This is important for both the lifetime of the door and ensuring that the doorset structure remains stable in the event of a fire.

The exterior offers good protection against scratching and is easy to keep clean.

Weather Performance

As well as meeting the performance standards required for Fire, Smoke, Thermal, Acoustics and Security, the Contemporary Range is tested comprehensively for weather resistance.

The doorset is successfully tested to PAS23 and BS6375 parts 1 and 2 for weathering and for the British Board of Agrément thermal tests to Annex D7/8. This covers 14 categories including air permeability, water tightness, wind resistance, mechanical strength, vertical load, hard body impact, slamming resistance and closure against obstruction.



Key Features

Range of chrome numerals and letters



High security locking systems based on individual locks to enhance security while providing ease of use for the resident



Slimline door knocker both functional and smart



Door viewers with options of wide angle view and dual height



Gerda insulated letterbox designed with rotating cylindrical section

The Contemporary doorset is tested as a complete unit with all components in full scale tests at independent UKAS accredited test houses for:

- Fire
- Smoke
- Thermal Insulation
- Security
- Acoustics
- Weathering



Gerda durable stainless steel high grade hinges



Gerda thumb turn locks for easy exit, complying with means of escape requirements



Option of door limiter for Secured by Design requirements

Door Closer

As part of the fire resisting doorset specification, the doors are fitted with a surface mounted door closer to ensure the doorset performs in the event of a fire. The closer carries independent testing to BE EN1154 and the closing force is able to be selected and adjusted.



“the Gerda armour frame offers both security and weather protection”

Door Frame

The Gerda® armour frame system is designed to provide protection for weathering and security. This low profile design aims to offer the maximum opening width.

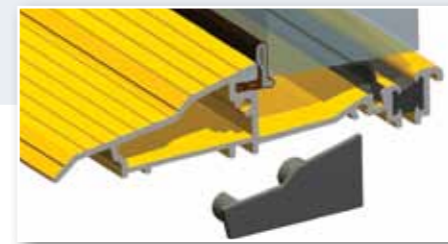


Three robust steel hinges with bolts are secured to the steel frame which protects the door from being prised open and ensures that the doorset is not subject to movement.

The armour frame system, made of 1.5mm thick steel, protects the door from being removed from the frame and prevents access to the locking bolts and latch.

Threshold

Low profile thresholds facilitate wheelchair access. The AM3 threshold is ergonomically tested for Part M compliance. It is thermally broken to meet thermal building and insulation requirements.



High security letterbox

The doorset has the option of a high security letterbox and security cowl designed for more onerous use, for situations where sustained attacks on properties take place, leaving residents feeling vulnerable.



Available in white finish to match the white interior of your doorset as standard. Other finishes available upon request.

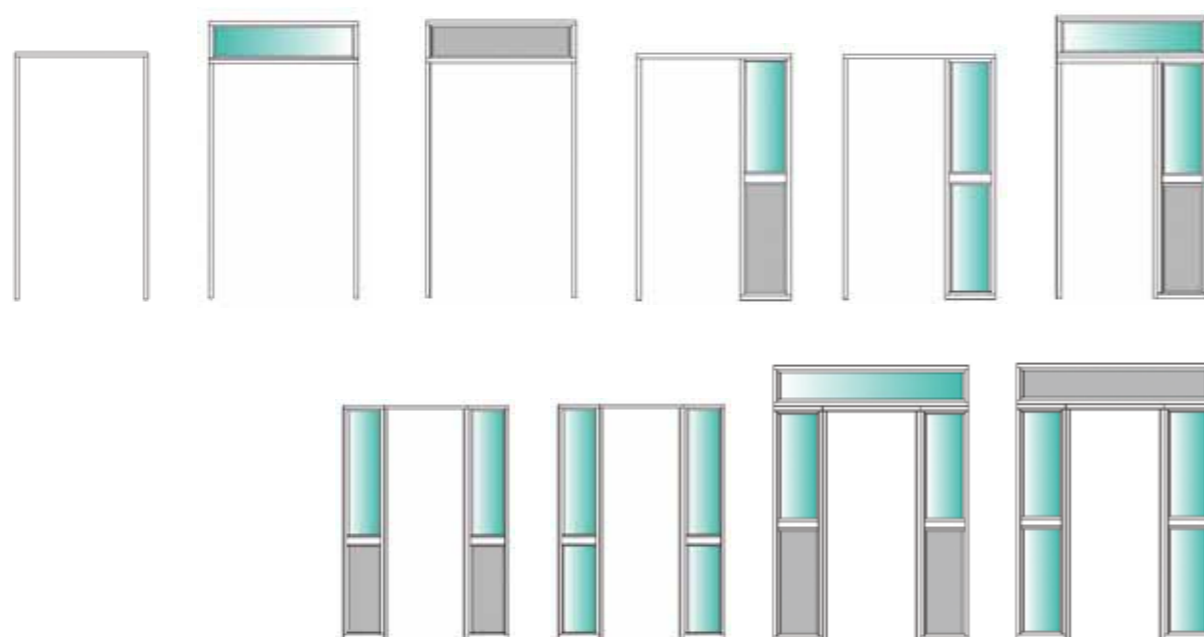


Styles



Additional styles are available, including the standard six panel solid style. Please enquire for further details.

Frames



Left hand versions are available
Other combinations available subject to test parameters

Accessibility

“important not just now, but for the future”

Gerda understands that the accessibility of homes is important for the lifetime of their inhabitants. The frame system is designed to maximise clear openings. The design of the locking systems and handlesets facilitates ease of use. Gerda has developed innovative options for accessibility, working with our customers to ensure we fulfil their needs:

- Wide angle door viewers and the option of dual height
- Locking systems with user friendly handlesets where the handle does not need to be lifted or pressure applied to use
- Low profile thresholds
- Electronic locking compatible with existing entry systems



Finishes

The Contemporary door is a classic, good-looking advert for your property. The woodgrain offer a realistic appearance, while the colour finishes are smart and elegant.

There is the additional option of a colour or woodgrain exterior to the door with a white interior finish which provides light reflection.

All finishes include a white frame surround as standard.



SUSTAINABILITY

Environmentally Friendly



Naturally occurring diabase rock

The benefits of this design using natural materials reflect our ethos on sustainability:

- Timber is from a **Forest Stewardship Council** certified source
- The steel used in the manufacture of the frame and door facings is **recyclable** as is the steel and brass utilised in Gerda's hardware manufacture
- The core comprises natural mineral wool which is a blend of naturally occurring diabase rock. Made from a **renewable and plentiful natural resource**, it is 97% recyclable
- The **natural** mineral wool offers **unrivalled durability**. It won't shrink, move or crumble, **ensuring longevity**

Thermal

- The doorset is tested to EN ISO10077-2:2005 for thermal insulation
- The natural mineral wool is **extremely stable** and durable. Once installed and left undisturbed it will not degrade, slump or create gaps which could impair the original thermal performance.

"in the event of a developed fire, smoke and toxic gas emissions are regarded as the greatest risk to human life"

Non Toxicity

- With natural occurring fire resistant qualities, **no toxic smoke** is given off in the event of a fire
- When exposed to fire, the mineral wool will not contribute to the fire growth or emit significant quantities of toxic smoke
- Toxic smoke may not only affect the capability of the occupants to make a safe escape by reducing visibility, irritating the senses and inducing intoxication, it can also hinder the ability of fire fighters to perform their role effectively.



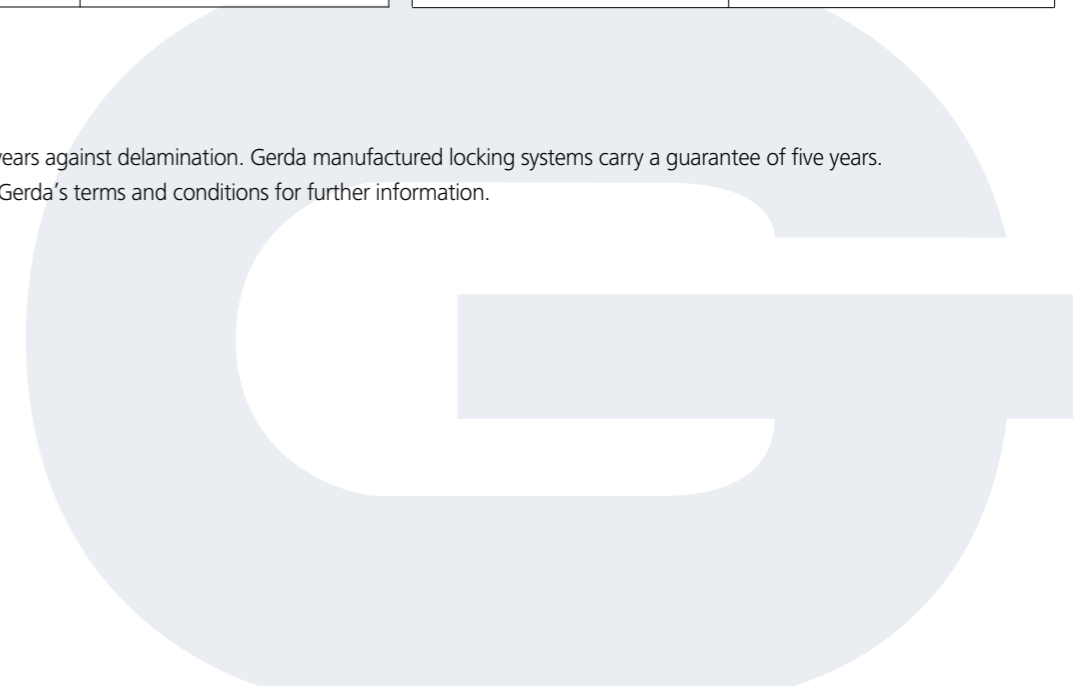
Technical Specifications

	DOORSET		SIDELIGHT & TOP PANELS/LIGHTS	
FIRE	BS476 pt 22 1987 Requirement Integrity 30 minutes	Test Report Chilt/RF11035 Insulation 30 minutes Integrity 30 minutes	BS476 pt 22 1987 Requirement Integrity 30 minutes	Test Report Chilt/RF11035 Insulation 30 minutes Integrity 30 minutes
SMOKE	EN1634-3:2004 Requirement Doors should have smoke leakage rate not exceeding 3m³/h/m at 25Pa	Test Report Chilt/P11107 Without letter plate taped over Positive chamber pressure 1.17m³/h/m Negative chamber pressure 1.13m³/h/m (Outside to inside) With letter plate taped over Positive chamber pressure 0.44m³/h/m Negative chamber pressure 0.38m³/h/m (Inside to outside)	EN1634-3:2004	Test Report Chilt/P11054
ACOUSTICS	EN ISO 10140-2:2010. Requirement 29dB	Test Report Chilt/Z11018/2 31dB		
WEATHER	BS6375-1:2009 Requirement Exposure category & classification Air permeability (EN1026) Watertightness (EN1027) Wind resistance (EN12211)	Test report 306225c 800X Class 4 Class 2a Class C3	BS6375-1:2009 Requirement Exposure category & classification Air permeability (EN1026) Watertightness (EN1027) Wind resistance (EN12211)	Test report 306225a 800U
	BS6375-2:2009 Requirement Category - Medium Duty Operating Forces - class 1 Mechanical strength - class 3 Vertical load - class 3 Static torsion - class 3 Soft & heavy body impact - class 3 Hard body impact - class 2 Load bearing capacity of safety devices - 350N Resistance to repeated opening and closing - class 5	Test report 306225c Yes Yes Yes Yes Yes Yes Yes Yes	BS6375-2:2009 Requirement Operating Forces - class 1 Mechanical strength - class 2 Vertical load - class 2 Static torsion - class 4 Soft & heavy body impact - class 3 Hard body impact - class 4 Load bearing capacity of safety devices - N/A Resistance to repeated opening and closing - class 5	Test report 306225b Yes Yes Yes Yes Yes Yes Yes
	PAS23 Requirement Operating Forces Slamming Resistance Closure against obstruction Thermal tests to Annex D7 D8 of PAS23 -1:1999/1/2/3/4 & corrigendum 1 British Board of Agrément test report 47742.	Test report 306225b Yes Yes Yes Yes	PAS23 Requirement Slamming Resistance Closure against obstruction Thermal tests to Annex D7 D8 of PAS23 -1:1999/1/2/3/4 & corrigendum 1 British Board of Agrément test report 47742.	Test report 306225b Yes Yes For solid panels

	DOORSET		SIDELIGHT & TOP PANELS/LIGHTS	
THERMAL	ENISO10077-2:2005 Requirement 1.8W(m²K)	Test report: LFS01-1102/11/R17NF 1.8W(m²K)	ENISO10077-2:2005	Test report for large combination glazed doorset & large side panels & top panels 1.7W(m²K)
SECURITY	Certified to PAS24 Requirement Enhanced Security	Test Report: 306288: 3	Certified to PAS24 Requirement Enhanced Security	Test Report: 306288: 3
	Manipulation Cutting & infill medium removal Mechanical loading Manual check Additional mechanical loading Soft Body Impact Hard body impact Security Hardware & cylinder Letter plates Cylinders for locks Classification K Classification KT	Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes	Manipulation Cutting & infill medium removal Mechanical loading Manual check Additional mechanical loading Soft Body Impact Hard body impact	Yes Yes Yes Yes Yes Yes
	Requirement Design & General		Requirement Design & General	
	General Glazing Installation Instructions	Yes Yes Yes	General Glazing Installation Instructions	Yes Yes Yes
SECURED BY DESIGN	Requirement Glazing to meet BS EN356 P1A	Exceeds P1A Glazing meets BS EN356 P2A (higher standard)	Requirement Glazing to meet EN356 P1A	Exceeds P1A Glazing meets EN356 P2A (higher standard)

Guarantee

The door carries a guarantee of ten years against delamination. Gerda manufactured locking systems carry a guarantee of five years. Refer to your specific quotation and Gerda's terms and conditions for further information.



Accreditations



ISO9001 Quality Management



Constructionline - the largest online database for pre-qualified contractors and consultants



Continuous Professional Development Certification



Safe Contractor - an accreditation scheme that assesses the health & safety competency of contractors and service providers



BM Trada Certification for Fire



CHAS - recognised health & safety scheme



Secured by Design - the police (ACPO) initiative to ensure high standards in products and measures to prevent crime



DHF - The Door and Hardware Federation is responsible for maintaining industry standards



BM Trada Certification for Security



Equality Act - Our products can be manufactured in line with The Equality Act requirements



Equal Opportunities - Gerda is an Equal Opportunities Employer



Association for Specialist Fire Protection

Partnerships



Gerda® works in partnership on training and publications with the **Fire Protection Association**



Gerda® works in partnership in the high security sector with the **Master Locksmiths Association**



The **welcome guide** gives clear details on how to operate and maintain the **Contemporary Doorset™**

To arrange for a free consultation or information relating to the Gerda range of products please contact us on the number below.

For interactive product demonstrations and dates of Fire Safety Seminars taking place at Gerda's Conference Centre please email:

firesafetyseminar@gerdasecurity.co.uk



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Information is for general purposes only. For detailed specifications to suit your requirements, please contact a member of the Gerda doorsets team who will be pleased to assist. Please read in conjunction with Gerda Terms & Conditions. Gerda reserves the right to amend data at any time.

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