

// The broad product range for high demands



# Doors and Frames in Stainless Steel

Aesthetics and function for the highest demands





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## Branded quality for top panel security and reliability



**Proprietary product development**

Door functions demand continual new developments and improvements in construction and fittings. Our qualified development teams have proven their ability time and time again with their broad range of specialist skills. Hörmann has continued to extend its product programme, resulting in today's complete range.



**Advance tests in Hörmann's own fire-testing House**

New developments and enhancements are tested in internal tests at our fire centre to see if they meet the fire-resistance standards required. The knowledge gleaned from these tests provides a high measure of security for protecting facilities from fire. The optimum requirements for the official tests carried out at certified testing centres for issuing official permits are created in these tests.



**Ongoing functionality test**

Functional mechanical efficiency is an essential mark of quality for facility doors as well as their protective function. Comprehensive material tests performed during ongoing functionality tests ensure years of perfect functioning when the doors are serviced appropriately. Besides testing the prerequisite closing cycles, special elements on doors are also tested to the limit.



**Highest quality products**

Advanced production techniques at highly specialised plants, forms the foundation of Hörmann's philosophy. Computer-controlled processing guarantees the production of door elements where all the hardware and functioning elements fit perfectly. This is the prerequisite for perfect and individual solutions in facility construction.





**High standards mean the very best in security for you, ranging from development, production and quality control, to professional and expert fitting.**



**Qualified workforce**

Our workforce is just as important as our computer-controlled manufacturing plant when it comes to the finished product. In production, control and logistics our highly motivated and responsible workforce ensures that Hörmann's extremely high quality-standards are met at all times. Our workforce also deliver quick and reliable solutions for special facility-construction needs.



**Quality assurance**

Besides external monitoring as a part of quality assurance tests, our workforce secures very high quality standards in production and quality control. During day-to-day production our door elements are continually tested for functioning and processing quality by taking random samples.



**Specialist facility consulting**

Experienced expert advisers at our sales organisations in your region advise you in all matters concerning the facility from the planning stage and clarifying technical matters to the final building inspection. Professional and expert door element fitting is guaranteed by experienced Hörmann fitters and specially trained staff.



**Seminars: Fire Protection Centre in Freisen**

Besides the high quality of our products, trained partners are indispensable when it comes to meeting increasing requirements in facility processing. Internal and external lecturers at the Fire-Protection Centre at Hörmann KG Freisen and all Hörmann branch offices communicate basic details on efficient facility management including the safe fitting of functional doors at facilities.







# Stainless steel Function and aesthetics in the application

## Long-lasting and resistant

Stainless steel is the right material wherever high demands are placed on the surface and construction. In addition to its high resilience, it is also set apart by resistance to acid and alkaline. Stainless steel reacts neutrally to many aggressive substances such as chlorine, paint, alcohol and salt. This is why it is frequently used in labs and the chemical industry, as well as in pools and baths.

## Hygienic and temperature-resistant

Stainless steel is also lives up to special hygienic requirements. It reacts neutrally when it comes into contact with food and is resistant to frequency, intensive cleaning. As a result, this material is indispensable in areas that demand cleanliness and good hygiene. In addition, stainless steel is extremely temperature-resistant and is ideally suited for use in cold-storage warehouses for the food industry and trade.

## High-quality and modern

Besides all that, stainless steel is the first choice for high-class architecture. Its gleaming surface and high-quality material composite ensure an aesthetically pleasing design for the long term. Beautiful matching hinges, lever handle sets and fittings underscore the exclusive design.



Picture: Salzburg AG







# Stainless steel quality for all requirement

## Effective surface variants

A polished surface (grain size 240) gives Hörmann doors and fire doors an expressive, matte appearance as standard. Depending on your requirements, you can choose between V2A and V4A stainless steel. Microprofiled V2A steel is a shining accent for rolling shutters. Or choose an elegant, polished surface for rolling grilles.

## Perfect in form

Door leaves, door profiles and frames from Hörmann are produced in up-to-date manufacturing systems using a special welding and profiling process. This makes it possible to create individual frame variants. Weld seams are etched or ground to create an even more beautiful appearance. This ensures superior function, value retention and simple maintenance.

## Stainless steel in detail

An excellent product is only as good as the sum of its individual parts. Fittings completely manufactured from stainless steel, shapely lever handle and lever/knob sets, hinges, and overhead door closers are all excellent examples of this quality. All made out of the same high-quality material for optimum durability and trouble-free function.







# Frames and internal doors for construction projects

## Frames and visibility windows

Stainless steel is often specified for a specific appearance or special fitting situations in hotels, restaurants, hospitals, or public social areas. Hörmann provides you with complete steel frames and visibility windows in a stainless steel design. This makes it possible for you to include special stainless steel features, such as double rebate frames for increased acoustic insulation, bevelled rebates for more space in the opening or fire protection glazing up to F90.

## OIT reinforced internal door

Hörmann's reinforced internal doors in stainless steel or wet-room versions are primarily used in areas with high demands or high levels of moisture. The door's high-quality construction and V2A surface feature high stability and resistance to water. Numerous equipment options, such as glazing with stainless steel frames, lever handle sets, and hinges enable individual door designs.







# Doors and sliding doors for fire protection concepts

## STS/STU fire and smoke-tight door

You can always find the right solution with Hörmann, even for fitting situations that require both the use of stainless steel and compliance with regulations for fire and smoke protection. Our high-quality STS doors not only fulfil fire protection requirements up to T90, but also fit in seamlessly with modern architectural concepts thanks to a flush appearance. STS-/STU-doors are made of 100% stainless steel for use in hygiene areas.

## T30, T90 sliding fire doors

Large hall passages and transitions in food production, cold-storage warehouses, dairies and breweries also must comply with fire and smoke protection regulations. Depending on the fire load, Hörmann provides reliable stainless steel sliding door solutions with 1 and 2 leaves that comply with requirements for operation and risk and also come with a smoke protection function. All of this guarantees safe escape and rescue routes.







# Stainless steel doors for inside and outside

## Decotherm E rolling shutter

The curtain of the Decotherm E rolling shutter sets highly elegant architectural accents. A microprofiled stainless steel surface is the optimum combination of form and function. The bright-rolled surface sealed with protective paint retains its appealing appearance for years to come.

## HG-E rolling grille

The ideal store grille for the retail trade. Hörmann's rolling grilles with a honeycomb or grille composite made of V2A stainless steel are a long-lasting and extremely weather-resistant investment. The polished version looks especially elegant.





## V 2515 Food L high-speed doors

Strict hygienic requirements must be fulfilled to ensure a smooth transport of goods for the food industry. Hörmann's V2515 Food L high-speed doors have been specially developed for this application. The operator, guide rails, control and shaft are protected by a stable stainless steel construction. This means that the door continues to function perfectly, even with regular and intensive cleaning.





## Application areas

	Hygiene rooms	Damp rooms/pools	Rooms with aggressive media	Architecture
				
Frames	V2A	V2A / V4A	V4A	V2A
Visibility window	V2A	V2A / V4A	V4A	V2A
OIT reinforced internal door		V2A / -		V2A
STS fire door	V2A	V2A / V4A	V4A	V2A
STU fire door	V2A	V2A / V4A	V4A	V2A
Fire sliding door	V2A	V2A / V4A	V4A	V2A
Decotherm E rolling shutter				V2A
HG-E rolling grille				V2A
V2515 Food high-speed door	V2A	V2A / V4A		





## Technical overview

	Material variants	Optional extras	Additional functions	Size range (max.)
<b>Frames</b>	V2A, V4A ground (grain size 240)	V2A lock plates, V2A fittings		2000 x 3000 mm
<b>Visibility windows with insulated glazing</b>	V2A, V4A ground (grain size 240), brushed	Visual screens	Acoustic protection, UV protection, fire protection	1500 x 2500 mm (Single pane)
With acoustic-rated glazing			Acoustic protection, fire protection	2000 x 3000 mm (Single pane)
With UV protection glazing			Acoustic protection, fire protection	1000 x 1800 mm (Single pane)
With G30 fire-protection glazing			Acoustic protection	1500 x 2500 mm (Single pane)
With G30 fire-protection glazing			Acoustic protection	1500 x 2500 mm (Single pane)
With G90 fire-protection glazing			Acoustic protection	1400 x 2300 mm (Single pane)
<b>OIT reinforced internal door</b>	V2A ground (grain size 240)	Glazings with stainless steel frames	Wet room version	Single-leaf: 1125 x 2125 mm Double-leaf: 1125 x 2125 mm
<b>STS fire door</b>	V2A, V4A ground (grain size 240)	Glazings with stainless steel frames	Smoke-tight T30 fire-retarding T90 fire-resistant	Single-leaf: 1410 x 2855 mm Double-leaf: 2710 x 2855 mm
<b>STU fire door</b>	V2A, V4A ground (grain size 240)	Glazings with stainless steel frames	Smoke-tight T30 fire-retarding T90 fire-resistant	Single-leaf: 1320 x 2610 mm Double-leaf: 2620 x 2610 mm
<b>Fire sliding door</b>	V2A, V4A ground (grain size 240)	Wicket door, electric operator	Smoke-tight T30 fire-retarding T90 fire-resistant	8500 x 6000 mm
<b>Decotherm E rolling shutter</b>	V2A bright-rolled with protective paint	Glazing elements		5000 x 4500 mm
<b>HG-E rolling grille</b>	V2A bright-rolled with protective paint or polished			11750 x 8000 mm
<b>V2515 Food high-speed door</b>	V2A bright-rolled			2500 x 3000 mm



Allianz  Arena

## Practical for planning your construction project: One partner for all your needs.



**Fully-glazed fire and smoke protection elements**

Hörmann delivers a wide range of fully-glazed, smoke-tight, T30 and T90 tubular frame parts. You can choose between three different models: the steel S-line, steel N-line and aluminium. All of these models are matching in appearance and available to a maximum height of 4.5 m. The side assemblies make an infinite number of widths possible.



**Multi-function steel doors**

Hörmann visibility glazing is used as window or room-high elements to provide more light and an improved line of view. Visibility glazing is also available for special requirements, i.e. in heat and acoustic insulation or radiation-proof versions, as well as in the fire-retarding F30 and fire-resistant F90 variants. Individual solutions can be implemented using rail divisions and angles.

**Please refer to  
the brochure  
for further  
information.**





### Fully glazed industrial sectional doors

Fully glazed sectional doors are a proven door leaf construction made of steel and aluminium that create bright and worker-friendly halls.



### Loading Technology

Dock levellers, door and operator systems – perfectly adjusted Hörmann quality from our own production facilities.



## Hörmann: Quality without Compromise



Hörmann KG Amshausen



Hörmann KG Antriebstechnik



Hörmann KG Brandis



Hörmann KG Brockhagen



Hörmann KG Dissen



Hörmann KG Eckelhausen



Hörmann KG Freisen



Hörmann KG Ictershausen



Hörmann KG Werne



Hörmann Genk NV, Belgium



Hörmann Beijing, China



Hörmann Gadco LLC, Vonore TN, USA

Hörmann is the only manufacturer worldwide that offers you a complete range of all major building products from one source.

We manufacture in highly-specialized factories using the latest production technologies.

The close-meshed network of sales and service companies throughout Europe, and activities in the USA and China, make Hörmann your strong partner for first-class building products, offering "Quality without Compromise".

**GARAGE DOORS**

**OPERATORS**

**INDUSTRIAL DOORS**

**LOADING EQUIPMENT**

**HINGED DOORS**

**DOOR FRAMES**