

// **New: Made in Germany, 1 week delivery within the UAE**



Full Hard Steel Rolling Shutter

Innovative technology for heavy-duty applications



Hörmann rolling shutters are engineered in Germany, and assembled in the UAE. It goes without saying that spare parts for shutters, operators and controls are original Hörmann parts that come with a guaranteed availability of 10 years.

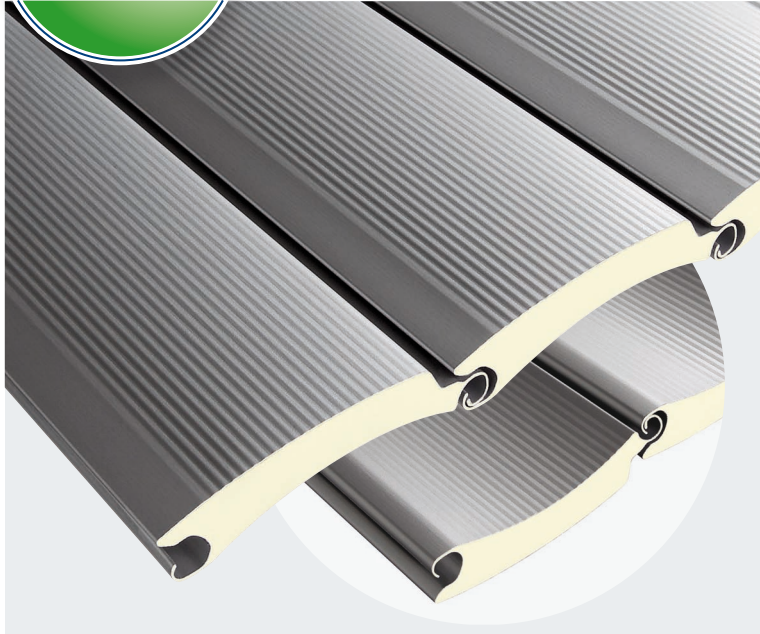


Finest quality rolling shutter construction through know-how and competence

Hörmann has decisively improved its rolling shutters with the Decotherm profile. A combination of a thoroughly optimised profile geometry with a special steel alloy shows what is possible today in rolling shutter construction. All the essential shutter components, such as profiles, side guides,

support brackets, fittings, and control technology are developed and produced by Hörmann - not bought in from here, there and everywhere. All the structural components and equipment for each shutter are calculated on a job-oriented basis.

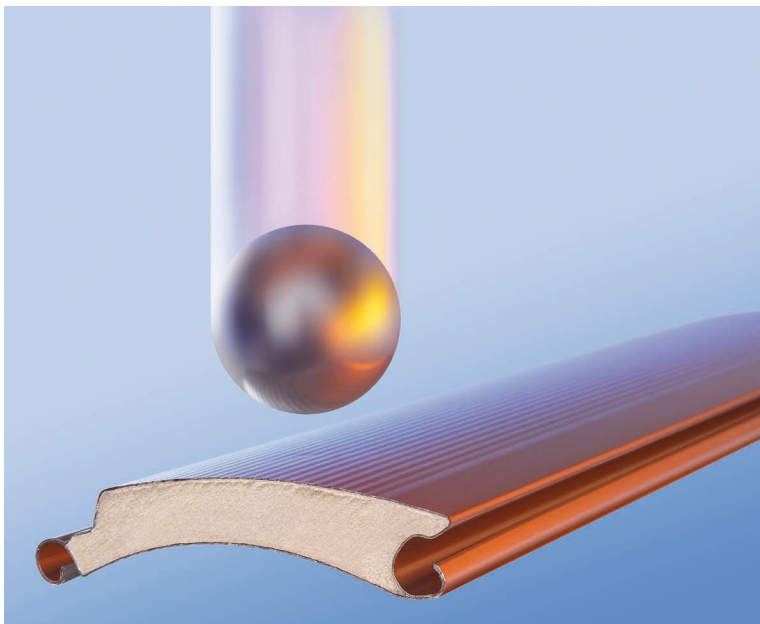
At Hörmann, quality has a system!



Decootherm DRU

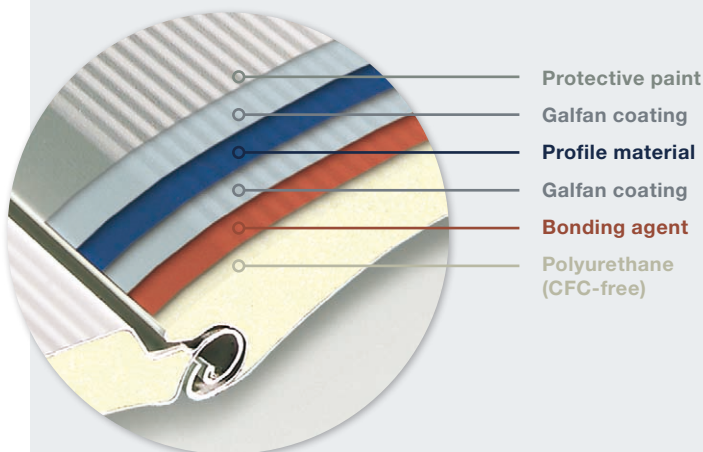
Innovative profile technology

The concave interior and exterior surfaces of the Decootherm profiles ensure extremely good roll-up action. The inner profile face is identical to the microprofiled outer face; an attractive design that only Hörmann offers. Optimally designed hinges reduce heat loss and enable a connection between the curtain and barrel, without the usual pressure and wear marks.



»Full hard« steel

The »full hard« steel in Decootherm profiles increases deflection resistance by three times and raises flexural strength by 10% when compared to profiles made of standard materials. This makes the door especially resistant to damage and stable under high wind loads.



Surface protection with a system for a permanently good appearance

All Decootherm profiles are coated with a protective paint, which makes them resistant to adverse weather effects. Polyamide particles embedded in the colour coating improve the sliding characteristics of the profiles and thus effectively reduce abrasion and noise.

Proven technology
DRU



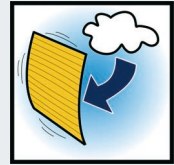
Thanks to innovations and continuous further developments, rolling shutter construction at Hörmann has been ahead of its time for years. The performance criteria to the European Standard have been integrated into these developments with convincing results.

It's worthwhile making a comparison!



Support bracket

Made of galvanized sheet steel, reduces the required sideroom on the bearing and operator side.



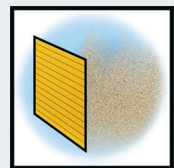
Stability

Wind lock end pieces, strong shutter profiles and bend-resistant bottom profiles ensure that the roller shutter resists windloads up to class 2.



The belt system

In a special fibrous fabric, connects the shutter curtain to the galvanized, octagonal barrel and dispenses with shutter profiles where these are no longer needed. **This is innovative rolling shutter technology!**



Sealing

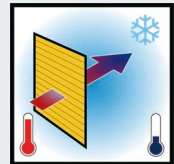
The rolling shutters have bristle seals down the side guides and an optional lintel seal is available. The flexible lip seal along the bottom edge adjusts to floor irregularities.



Steel side guides

The robust construction in galvanized steel is mounted directly to the building structure.

This saves both, space and installation time!



Thermal insulation

A combination of minimizing thermal bridges and use of fine-pored polyurethane rigid foam infill ensures good thermal insulation.



Acoustic rated

The curtain as well as the sealing techniques used around the entire shutter help to reduce noise from both outside and inside.

Door specifications and options

DRU



Window elements



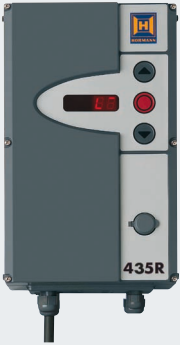
Ventilation grilles

Window elements and ventilation grilles

In order to use the daylight, you may want to fit window elements. Our double-skinned window elements are made of transparent, impact-resistant polycarbonate with high-quality frames (similar to RAL 9006), covering the polyurethane foam and reducing noise and abrasion. For ventilation purposes you can choose to fit ventilation grilles, made of durable, long-lasting synthetic material.

A perfect concept ensures maximum utility

Hörmann rolling shutters are a practice-orientated, cost-effective concept, geared to a diverse range of operating sequences and a long, reliable service life. All of our operators and controls are installation friendly, ready-to-plug-in individual components.



Controls and operators

Press-and-hold control 435R (400/230 V)

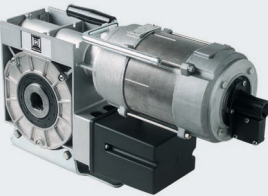
- Control and operator can be mounted separately
- Control and door leaf components in protection class IP 65 (hose water protected). Connection with a CEE phase-changer plug corresponds to protection class IP 44



Impulse control 445R (400/230 V)

- Control and operator can be mounted separately
- Control and door leaf components in protection class IP 65 (hose water protected), connection with a CEE phase-changer plug corresponds to protection class IP 44
- External menu readout via an integral double 7-segment display, so there's no need to remove the housing cover
- Adjustments are no longer made at the motor but can be conveniently carried out from the control unit via digital limit switches
- Service menu with maintenance, cycles and operating hours counter as well as fault/error analysis
- Collective malfunction signalling with on-site individual display (acoustic, optical or, for example, via mobile phone)
- Function blocking via miniature lock (can be converted to profile half-cylinder)

Direct drive operator



Hörmann rolling shutters come with a direct drive operator that is equipped with an integral safety device. Depending on the door size, the operator comes as S 14, S 18 or S 25 model which are all IP 65 protected and 400 V 3-phase.

Specifications and options

Material

Double-skinned steel with polyurethane core

Surface finish

Galvanized with transparent protective paint

Profile height

109 mm

Profile thickness

20 mm

Curtain weight

Approx. 10 kg /m²

Door width

2250 – 5000 mm

Door height

2250 – 4500 mm

Wind load class 2 up to a door width of

5000 mm

Heat transmission EN 12428 (single profiles)

3.8 W/m²K

Windows

Available

Ventilation slots

Available

Operator

Direct drive with integral safety device

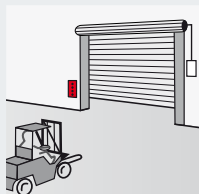
Control

Press-and-hold control 435R / Impulse control 445R optional

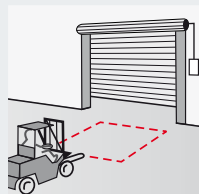
Operating and control options



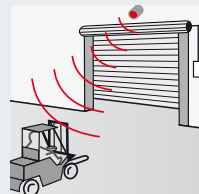
Pull switch



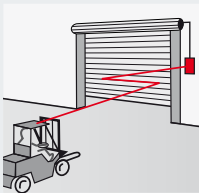
Push-buttons palm switch/mushroom push-button



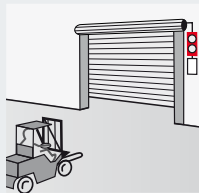
Induction loops



Radar movement detector, Infrared movement and presence detector



Radio remote controls



Signal light, beacon, flashing light



Please refer to our main brochure for further door options and the full range of rolling shutters.

Hörmann: Quality without Compromise



Hörmann KG Amshausen, Germany



Hörmann KG Antriebstechnik, Germany



Hörmann KG Brandis, Germany



Hörmann KG Brockhagen, Germany



Hörmann KG Dissen, Germany



Hörmann KG Eckelhausen, Germany



Hörmann KG Freisen, Germany



Hörmann KG Ichtershhausen, Germany



Hörmann KG Werne, Germany



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Hörmann Tianjin, China



Hörmann LLC, Montgomery IL, USA



Hörmann Flexon, Leetsdale PA, 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

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