



Steel door series S4HS

Tested and certified according the European Standard for forced entry resistance DIN EN 1627-1630, security classes RC5 & RC6



Protect values

The number of burglaries has increased extremely in the last few years. Only every sixth burglary could be solved. Therefore it is important to prevent forced entry attempts by installing mechanical security components. The VdS (association of all insurance companies in Germany) recommends first of all to secure a building with mechanical components and afterwards to install electronic security solutions. The SÄLZER steel door series S4HS offers that required mechanical protection. The door was tested in accordance with the European standard for forced entry resistance DIN EN 1627-1630 in the highest protection classes RC5 & RC6.

The electronics devices like video control detects the burglar and reports it immediately. However, the intrusion can not be prevented only by installing electronic security components. Depending on time of day, the volume of traffic and the staffing level it could require up to 20 minutes until the police or the security company arrives at the site of crime. Therefore it is necessary to prevent the burglary by installing mechanical security technology. This ensures that e.g. valuable data, new product developments or valuables can not be stolen, drinking water can not be contaminated or gas pipes can not be sabotaged.

Areas of application

- Energy suppliers
- Industrial companies
- Data center
- Research laboratories
- As well as special warehouses of freight forwarders, at airports, museums, arms and munition factories, pyrotechnics, storage locations of radioactive materials etc.
- Private security rooms „Panic room“
- And lot of more ...

Tested and certified

The European standard for forced entry resistant assume in the highest resistant levels RC5/RC6 that an experienced burglar would professional prepared commit the burglary. It is assumed that the burglar uses power tools such as power drill, jigsaw and angle grinder in addition to usual tools such as crowbar and hammer. With increasing resistance levels - from RC1 up to RC6 - the number and the quality of the used tools increases and also the testing time. In the class RC6 the testing time will take 20 minutes.



The examiner tried to saw off the hinges of the door with a sabre saw; without success as the certificate confirms.



The examiner tries to destroy the inside bolts which lock into the frame with an angle grinder (discs Ø 230 mm).

Flexible protection

The door can optional be equipped with 2 different lock variants:

1. For the night, weekend operation or outside of business hours, the door can be closed with a bolt mechanism absolutely secure, protection level RC6 (standard).
2. If necessary for daily operation a mechanical, electro-mechanical or motorized lock, single or multiple locking systems, could be installed additionally. Using this locks the door offers protection up to resistance class RC4.

Technical data	
Material	Multilayered steel construction.
Variant sizes	<ul style="list-style-type: none"> • Single door: up to max. 2,000 x 3,000 mm • Double door: up to max. 3,500 x 3,000 mm
Attack side	Hinge side
Standard	<ul style="list-style-type: none"> • 1 bolt work with overall 5 massive locking bolts Ø 20mm. • Electronical permutation lock incl. input keyboard and operation lever. • Door leaf and frame are completely armour-plated, protection against attacks with saw as well as against cutting torch. • 2-part heavy steel hinges, adjustable. • Tested and certified according to DIN EN 1627-1630 in class RC5 & RC6.
Double door	<ul style="list-style-type: none"> • Inactive leaf locking device with 2 bolts upwards and downward with mounted lockable lever bolt.
Surface	<ul style="list-style-type: none"> • Primed for finishing on site. • Optional: painted e.g. to RAL colour range, planked e.g. with wood
Optional: locks for daily operation	<p>Optional: further locks additional to the locking mechanism</p> <ul style="list-style-type: none"> • Mechanical, electro-mechanical or motorized locks, single or multiple locking system, optional with self-locking device. • Also tested with emergency exit locks („anti-panic function“) according to DIN 179 and panic door locks DIN 1125. • Available with different hardware sets. • Tested and certified according to DIN EN 1627-1630 in class RC3 & RC4.
Additional	<ul style="list-style-type: none"> • Magnetic contact, bolt switch contact, floor seal and many more.



Extract of the test certificate.



Variant of a steel door series S4HS, with individual programmable electronical permutation lock and operation lever. Surface painted white, inside the door leaf are laterally 4 locking bolts and 1 locking bolt upward.



SYSTEM SÄLZER®

Combined Protection

For more than 40 years SÄLZER has led the industry in the development and technology of forced entry, bullet, fire and blast resistant building components.

Each of our products is subject to a strict internal and external quality management. Research and development are the driving force behind SÄLZER.

Please ask for additional brochures about our further products: windows, facades, doors, gates, guard houses, partition walls, access control, barriers, bollards, accessory components etc.



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