

Torverk Security-Rated Folding Doors SK2 & SK3

– Turn your facility into a vault



Increase your industrial perimeter security without compromising energy performance. Torverk's manual and motorized sandwich-constructed security doors meet the requirements for SK2 and SK3 and are available in both inward- and outward-opening models.

Why Security Ratings Matter

In 2021, the Swedish industry organization Företagarna surveyed 819 companies: 61% of industrial and manufacturing businesses reported having experienced break-ins in the past five years. Worryingly, 27% of those affected

never reported the crimes to the police, doubting authorities could resolve the issue.

Insurance Companies Demand Enhanced Security

If you have valuable assets, insurers may require burglary-proof perimeter protection for coverage, meaning doors must comply with the Swedish Theft Prevention Association's (SSF) standards: SK1, SK2, or SK3. We have developed two reinforced doors that fulfill the SK2 and SK3 standards.

What Do SK1, SK2, and SK3 Mean?

SK1: The door withstands a 15-minute attack by a burglar using simple tools such as pliers, screwdriver, knife, and rubber hammer. Our standard doors meet this level, so we haven't sought certification for it.

SK2: Higher requirements — doors must resist a 20-minute attack where burglars can use crowbars, hand saws, hammers, and hand drills.

SK3: The highest security level — the door must withstand a 30-minute attack with SK2 tools plus heavier tools like axes, battery-powered drills, and bolt cutters.

Tested and Approved by RISE

The door designs are confidential to prevent giving burglars any clues. RISE engineers in Borås examined the drawings for weaknesses before attempting break-in tests—and despite trying, they couldn't breach the doors. They even destroyed a saw and a drill in the process.

Energy Efficiency and Security

Our sandwich-constructed door panels have the same seals as our regular doors and provide effective insulation.

The steel cladding is rolled and filled with polyurethane foam under 5 tons of pressure. The foam expands, fills every cavity, and chemically bonds with the steel.

Once cured, it becomes as hard as a hockey puck and insulates four times better than typical building insulation. Billions of microscopic gas-filled cells block heat from passing through.

International Resistance Classes and SSF Standards

Unfortunately, there is no international resistance class standard specifically for industrial doors. However:

SSF1074 SK2 testing uses the same tools and time limits as the international pedestrian door standard EN1627 RC3.

SSF1045 SK3 testing aligns with EN1627 RC4 in tools and duration.

Therefore, Torverk considers SK2 and SK3 fully comparable to EN1627 RC3 and RC4, respectively.

Torverk's resistance-classed doors have been approved and sold in Norway, Finland, and Denmark.

Can Security-Rated Doors Look Any Way You Want?

No. To be certified, security doors must meet specific requirements:

SK2 Door Specifications:

- Hinges welded to the wall for outward opening; bolted for inward opening.
- Can open inward or outward.
- May include windows and pedestrian doors.
- Must have padlockable espagnolette—even if motorized.
- Can be up to 6 meters high and virtually unlimited in width.

SK3 Door Specifications:

- Hinges welded to the wall for outward opening; bolted for inward opening.
- Can open inward or outward.
- May include a pedestrian door but no windows.
- Must have at least two padlockable espagnolette locks—even if motorized.
- Can be up to 6 meters high and virtually unlimited in width.