



**Image 1:** Schörghuber sets new standards in safety: its innovative hinge and sealing system is seamlessly integrated into the door frame and door leaf. The Super Secure finger trap protection door is now also available in a double-leaf version, providing an even greater clear passage width.

## **Maximum safety and increased flexibility Extended range of Super Secure finger trap protection doors from Schörghuber**

The Super Secure finger trap protection door from Schörghuber offers a sophisticated design and maximum safety wherever there are people in need of protection: in nurseries, schools, care and healthcare facilities. In addition to the tried-and-tested single-leaf variant, the door is now also available in a double-leaf version, which can be combined with a choice of timber or steel frames. To increase transparency, the range has been extended to include door sets with transom lights, side elements made of glass and fixed glazing. Automatic door openers and door operators, a concealed electro duct and smart access control systems complete the portfolio and offer additional comfort.

### **Super Secure finger trap protection door for maximum safety**

The high level of safety of the Super Secure finger trap protection door is due to the direct integration of the special hinge and sealing system into the door frame and door leaf, eliminating any gaps at the secondary closing edge. This makes it almost impossible for fingers to get caught and crushed on either side of the door over the entire height of the door leaf. A new addition is the concealed electro duct, which is elegantly integrated into the finger protection system. This makes it possible to fit an automatic door operator, for example – particularly in areas where accessibility is required. The Super Secure finger trap protection door also complies with smoke protection and acoustic insulation requirements up to 37 dB and is accessible thanks to the integrated release of the retractable seal. On top of the functional aspects, the finger trap protection door meets the highest

design demands due to its flush-integrated connection to the door frame and door leaf.

### **More design possibilities for a wide variety of applications**

In addition to the well-established single-leaf variant, the door is now also available in a double-leaf version, providing an even greater clear passage width. The doors can be combined with a choice of steel or timber frames from the Schörghuber range. To increase transparency, there are also models with transom light and side element made of glass or fixed glazing. The hinge and sealing system of the Super Secure can be customised in different colours, so it can be integrated into architectural concepts as a design element. Furthermore, there is the option of equipping the door with an automatic door operator, an automatic door opener, a flat scan and access control systems, which opens up an even wider range of design options.

### **Use in child day-care centres, schools and care facilities**

The Super Secure finger trap protection door complies with accessibility requirements in accordance with DIN 18040 "Construction of accessible buildings – Design principles" and VDI 6008 Sheet 5 "Barrier-free buildings – Possibilities of execution for doors and gates". This makes it ideal for use in child day-care centres and schools, as specified in DGUV regulation 82 "Child day-care facilities" and DGUV regulation 102-601 "School sector", among others.

The Schörghuber finger trap protection door is also suitable for use in care facilities such as clinics and homes for the disabled and elderly. In addition to the accessibility requirements, it fulfils all recommendations given in DGUV Information 207-016 "Planning new buildings and renovations in hospitals from the point of view of occupational health and safety" as well as DGUV 82, which should be particularly considered with regard to children's clinics or children's wards. The regulations specify that lower door handings and threshold rails as well as trapping and shearing hazard points are to be avoided. Another advantage the Super Secure finger trap protection door's special hinge and sealing system has is that it does not affect the door's clear passage width because the finger trap protection hinge is integrated directly into the door frame. The finger trap protection is also easy to hygienically wipe clean thanks to its smooth surfaces without edges, thus enhancing its suitability for use in the care sector.

The features mentioned above are combined in the Super Secure finger trap protection door to provide maximum safety, accessibility and a sophisticated design for a wide range of application areas, from educational to healthcare and care facilities – ultimately, wherever there are people in need of protection.

(4304 characters incl. spaces)



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**Image 2:** The Super Secure finger trap protection door from Schörghuber are used wherever there are people in need of protection. Glazing in the door leaf allows visibility where it is desired.



**Image 3:** For more transparency and light, the Super Secure range has been extended to include glazed side elements (as shown here) and transom lights.



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**Image 4:** Timber or steel frame – the entire Schörghuber range can be combined with the Super Secure finger protection door.



**Image 5:** As the finger trap protection hinge of the Super Secure finger trap protection door is integrated directly into the door frame, the clear passage width of the door is not affected.



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**Image 6:** The Super Secure finger trap protection door combines maximum safety, accessibility and an attractive design.

**Photos: Schörghuber**