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RAIL[®]



Doors for Lifts in Public Areas

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Vandal-Proof Elevator Doors for High Passenger Traffic

RAIL®





Vandal-proof elevator doors with increased crash safety, which guarantee maximum safety even in heavily frequented lifts.

The problem of vandalism in railway stations is of major concern when it comes to the construction and equipping not just of lift cars but particularly of lift doors. It is for this reason that the German Railway Authority (EBA) has laid down very stringent requirements governing the construction of lift components. Similar specifications also exist for other European railway networks.

MEILLER has developed its vandal-proof **RAIL**® doors together with international experts from several European railway operators. These extremely robust doors are ideal for all public buildings that are frequented by large numbers of people. MEILLER **RAIL**® doors are built to withstand not only constant impacts from luggage items and other objects but also the destructive inclinations of vandals. Suitably equipped lifts continue to function smoothly and safely in numerous railway stations in Europe as well as in many underground and urban railway stations in large European cities.



Quality characteristics:

- Transom in box construction – torsion-resistant and protected against dirt
- Door panels in double walled, all-round welded box construction or as glass door panels framed on all sides, in an optically attractive design
- Highly sturdy top track made from galvanised steel for excellent running characteristics
- Track rollers adapted to contours of top track, made of high quality plastic
- Reinforced hangers and collared kicking rollers made of steel on fast door panel increases fall protection
- Varied range of sills available, including stainless steel or with a hidden track
- Sturdy and secure door panel guide shoes, steplessly adjustable, can be replaced without disassembling door panels, if required
- Time-tested, dynamic, high-performance door drives
- Sturdy car door skates made of high-quality materials with restrictor mechanism in accordance with EN 81-20/50.



All of these features stand for the fast and simple installation, low maintenance requirements, fewer door faults, and long service life of MEILLER lift doors. And should it ever be necessary, components can be replaced quickly and simply.

RAIL® - Dimensions

Door construction				Clear door width (CDW)	Clear door height (CDH)
Side opening	two panel	TTS/TTK 25	S/K 2 R/L	CDW = 900 - 1300 mm	CDH = 2000 - 2300 mm
Centre opening	two panel	STS/STK 26	S/K 2 Z	CDW = 900 - 1300 mm	CDH = 2000 - 2300 mm



Meiller Aufzugtüren GmbH

Ambossstraße 4
80997 München

Phone: +49 89 1487 – 0

Fax: +49 89 1487 – 1566

E-Mail: info@meiller-aufzugtuere.de

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