

 Directory  
 < Rolling Stock

# Industrilas

## Access Solutions that Go the Distance



**M**ore comfort, greater reliability and less stress are three of the top reasons why many people choose to travel by rail rather than by air or by car. We get it. Industrilas access solutions delivers exactly that, making us a perfect

fit for train manufacturers competing on the world's urban and mainline passenger rail markets.

Passengers climbing aboard metro, commuter or mainline trains may not notice all exterior and interior compartments, panels, fixtures and equipment secured

with access solutions like ours. But when inferior products are used it is just a matter of time before the squeaks and rattles begin to erode passenger satisfaction.

Industrilas vibration-resistant access solutions for trains are expertly designed and manufactured to stand up against the elements and vibrations over the long run. They



not only make the journey more comfortable and less stressful for passengers, but also for crews and maintenance staff who appreciate durability, ease of use and proper compression.

## Serving the Sector for Decades

Industralas has been developing, designing and manufacturing world-class access solutions for the transportation sector for over 40 years. All with total control over the entire, in-house production chain from design and manufacturing to final surface treatments and assembly. So by the time they leave our house, you can be sure they are 100% ready to roll, float or fly.

We also deliver to the power generation and distribution industries. Our solutions can be found on outdoor substations, switchgear cabinets and enclosures for generators, as well as on train overhead line conductors. The main objectives for these applications are to ensure safety, to guarantee functionality of the unit and to withstand weather conditions such as rain, snow, heat, cold and thunderstorms.

## Designed In-House. Destined to Travel.

Fortunately for us and our customers, nothing gets our product engineers and designers more fired up than an unusually tough nut to crack. So whenever a problem related to trains or heavy machinery comes our way, you can be sure our people will be up to the challenge.

### **Partners in Perfection**

The secret to our success? Your participation. We find that the

## Railway Access Solutions

### Environmental & Mechanical Challenges

- Vibrations, heat, cold, water, salt, snow, ice, dirt

### Design & Engineering Features

- Acid-proof stainless steel (AISI 316)
- Proper compression
- Vibration-resistant according to DIN EN 61373
- Sealed to IP65 for excellent ingress protection
- Fast and easy to install

### Aesthetic & Ergonomic Benefits

- Sophisticated look and feel
- Clever flush-mounted design
- Exceptional ease of use
- Will not buzz, squeak or rattle

more our customers want to be involved, the better the end results are. That is why, when you come to us with your idea or problem, we guide and engage you throughout the entire process from design to manufacturing. In that way, together we create solutions that are well thought through and deliver the perfect combination of function, safety, ease of use and flawless look and feel.

### Tried and Tested

With decades of experience under our belt, we know how much customers value our unique solutions and our modular approach that enables them to

pick and choose from a variety of alternatives. And when it comes to ensuring the right quality for transportation applications, we can guarantee:

- BSR (Buzz, Squeak and Rattle) extermination
- Crash tests to ensure nothing comes loose
- Vibration- and shock-resistant according to DIN EN 61373
- Automotive quality in accordance with IATF 16949

## Somewhere Near You

Today Industrilas is present in over 40 countries around the world including eight full-service hubs and three manufacturing facilities, allowing us to keep lead times to a minimum and provide local service for our customers.

To find a local contact, please visit [industrilas.com](http://industrilas.com).

## Solutions that Last

Industrilas offers a plethora of standard and customised solutions. Here are a few examples of the product categories that are applicable to the railway industry.

The range of quarter-turns and their area of use are endless. They can be designed for simple applications or in stainless steel with vibration resistance, as water and dustproof and with a trapezoidal thread. You can design the quarter-turns however you like by combining your choice of housing, nut, insert, washer, screw and cam.

Sealing profiles and edge protections help you to keep a cabinet airtight, to reduce wear and tear or reduce the risk of cutting yourself on sharp edges.

Industrilas offers a wide variety of hinges for the transportation sector. All are chock and vibration tested, with many versions in stainless steel. We also offer a multitude of hinges for applications that require a lesser amount of strength.

The Industrilas Vision™ product family is the leading latching system for absolute protection against the elements. Vision swing handles are available in turn-to-latch versions where the door is locked by turning the key, or push-to-latch versions where the spring-loaded cam latches when the handle is pushed in. The handles come in acid-proof stainless steel or stainless steel.

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— When access counts —

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