



Your partner for
Smart Gangway
Solutions



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ABOUT US

Polarteknik – Based in Finland, operating globally

We deliver reliable, sustainable and efficiently produced interior door systems for the world's leading train manufacturers. Our business blends efficient basic production and forward-looking innovation.

All our solutions come with

- WIDE-RANGING understanding of our customers and industry
- IN-DEPTH expertise of the product area
- LONG-TERM commitment to our customers

ECOVDIS
GOLD



Sustainability performance ranking in top 5% among over 90,000 rated companies globally

ISO9001
& 14001



International standard that specifies requirements for a quality management system (QMS)

IRIS



ISO/TS 22163:2017 includes specific requirements tailor-made for the high quality business management in the railway sector



In engineering, development and manufacture, our core values include safety, reliability, sustainability and optimised life cycle costs. In our supply chain, we choose partnerships that work on the same sustainable value base and provide a robust supply of quality components.

The core of our expertise comes from our unique view of the passenger flow business, our knowledge of customer requirements and long experience in railway-related requirements. Combined with unparalleled expertise in compact door systems for rail vehicles made by the world's leading manufacturers, this places us in the best possible position to provide our customers with first-rate service.

Our service portfolio includes design, installation and commissioning support, maintenance, modernisation, spare parts and technical support throughout the fleet lifetime.

Other products in our offering that are proven in use; Universal toilet doors, Saloon, Vestibule and Gangway doors, complete dividing partions. All of them are available with or without fire integrity.





Elevate Safety Standards: The Ultimate Fire Curtain for Metro and Commuter Trains!

IMAGINE A METRO OR COMMUTER TRAIN where safety is paramount, passengers feel secure, and emergencies are swiftly managed. Our cutting-edge Fire Curtain technology brings this vision to life, delivering a multitude of benefits that redefine passenger safety:

1. Rapid Fire Containment: In the event of a fire, every second counts. Our Fire Curtain system deploys rapidly, instantly isolating the affected area, preventing the spread of flames, smoke*, and toxic gases*, and allowing passengers to evacuate safely. *) subject to surrounding train body structures

2. Life-Saving Efficiency: With our Fire Curtain in place, evacuation procedures become more organized and efficient. Passengers and crew can evacuate calmly and swiftly, reducing the risk of panic and injury.

3. Minimal Disruption: Unlike traditional fire doors, our Fire Curtain takes up minimal space, ensuring that emergency exits remain unobstructed. This allows for smoother evacuations and quicker response times for emergency personnel.

4. Enhanced Passenger Confidence: When passengers know that their safety is a top priority, they gain confidence in using metro and commuter trains. Our Fire Curtain system fosters trust, encouraging ridership and improving public perception.

5. Compliance with Regulations: Our Fire Curtain solutions are designed to meet and exceed stringent safety regulations, ensuring that your metro or commuter trains are fully compliant with industry standards.

6. Cost-Efficient Solution: Investing in Fire Curtains is a cost-effective way to enhance safety. They require minimal maintenance and can be integrated seamlessly into existing train systems new build or refurbishment.

7. Versatile Applications: Our Fire Curtains can be customized to fit various train configurations and layouts, making them suitable for a wide range of metro and commuter train designs.

BY INSTALLING OUR FIRE CURTAIN SYSTEM in your metro or commuter trains, you're not just meeting safety standards; you're exceeding them, providing passengers with peace of mind and ensuring their well-being. Join the future of metro and commuter train safety – choose our Fire Curtain technology today! #MetroSafety #CommuterTrainSecurity #FireCurtainInnovation

****Disclaimer:****

The information provided in this product brochure is intended solely for general informational purposes. While every effort has been made to ensure the accuracy of the content, this brochure should not be considered as legal advice or a substitute for professional consultation. The use of fire curtains in specific applications, including but not limited to rolling stock, is subject to various local, state, national, and international regulations and standards. It is imperative that potential users and purchasers of fire curtains carefully assess their individual needs and compliance requirements before making any decisions or commitments. Polarteknik, its affiliates, and representatives do not assume any liability or responsibility for the suitability, adequacy, or legal compliance of our fire curtain products for any particular application. Users are encouraged to consult with qualified legal and safety professionals, as well as relevant regulatory authorities, to determine the suitability and legal compliance of our products for their intended use. By using this brochure and considering the purchase of our fire curtain products, users acknowledge their responsibility to conduct thorough due diligence and to ensure that the installation and use of such products comply with all applicable laws, standards, and regulations. For detailed product specifications, safety guidelines, and compliance information, please consult our official product documentation and reach out to our representatives for personalized assistance. Polarteknik strives to provide the highest quality products and services while promoting safety and compliance. We look forward to assisting you with your fire curtain needs and addressing any questions or concerns you may have.