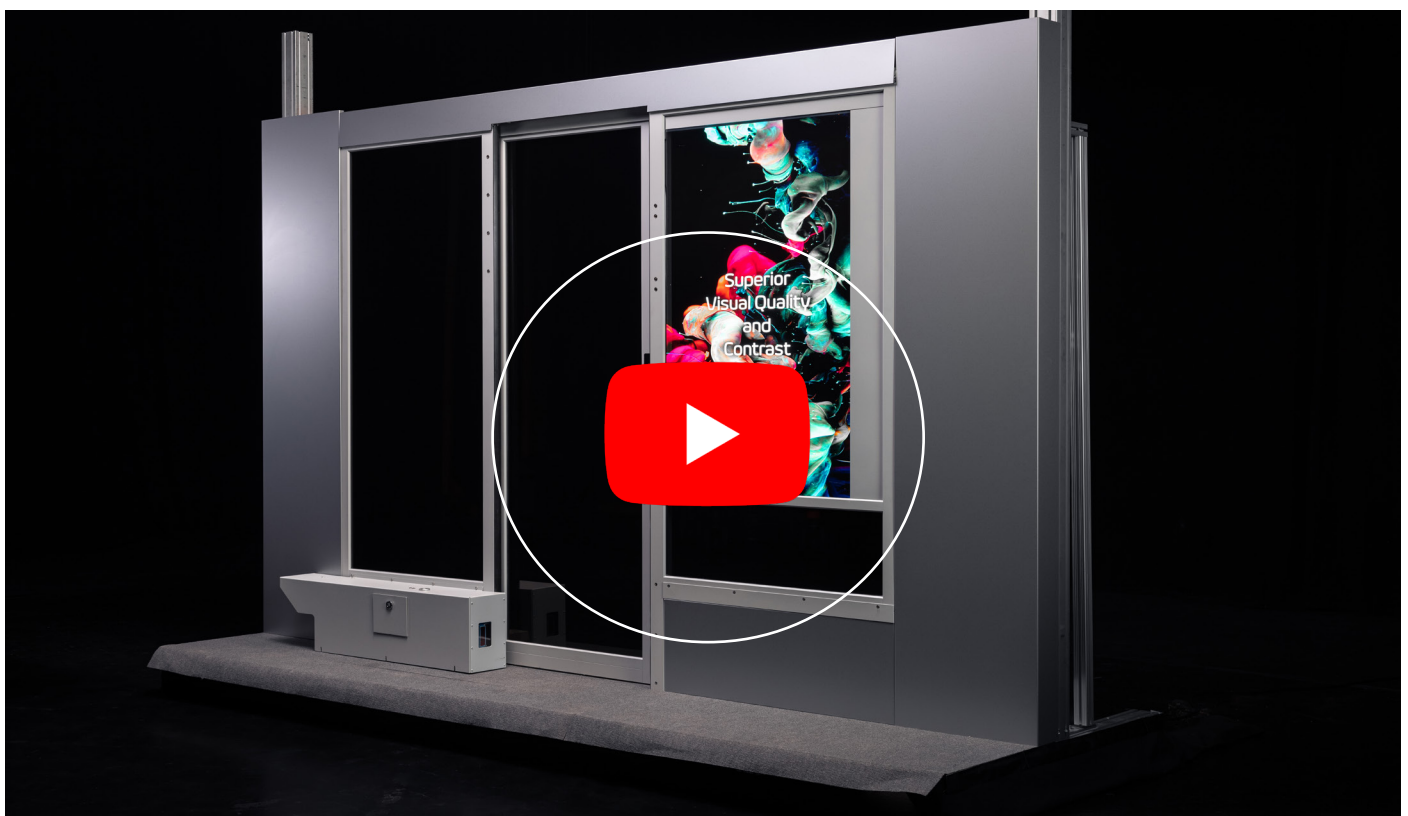




Polarteknik

Door System Products and Expert Services for More Safety, Reliability, Availability and Fire Integrity for Your Fleets



The Polarteknik product range includes:

- complete fire barrier walls
- automatic single or double-leaf sliding doors
- automatic telescopic doors and curved doors

- manual doors

All our products are tailored to customers' specific needs. The service portfolio includes design, installation and commissioning support, maintenance, modernisation, spare parts and

technical support throughout the lifetime of the fleet.

Polarteknik, a company well known for its expertise in interior door systems in intercity and high-speed and very high-speed classes of railway of rolling stock, is

strengthening its position in metros to increase driver comfort and safety.

“We are happy to tie up at all tier levels to make sure the latest technology from new trains e.g. predictive maintenance, cyber security and TSI-PRM are available also for refurbishments, overhauls and fleet upgrades.”

Polarteknik Smart partition is cyber-ready in terms of the door operation, communication and maintenance capabilities with the NEW D56 Door controller. The door drive is the same high-quality, low-LCC unit Polarteknik customers have enjoyed for years. The OLED display has some wonderful features that make the trip enjoyable. Polarteknik can bring on augmented data from the door unit on top of the visuals the customer decides to show on the display. It will be displayed in brilliant OLED quality, 55” size, 178 degree viewing angle, 1920x1200 resolution and optical brightness of 150/400 nit (APL 100/25%). With pixels off/black the glass is 38% transparent and looks like a tinted glass. The whole structure is EN61373 shock and vibration-compliant.

Polarteknik has a very large number of different products that we have made for customer projects over 25 years. All of the key components have a strong return on experience and are shared across all product platforms. Polarteknik is in full control of the design, manufacturing, testing and validation of the products and the customers can benefit from the consolidated sourcing made regarding key components and obsolescence management that draws from the legacy design data.

About Polarteknik Oy

Polarteknik is a specialist company that promotes comprehensive comfort and ecology in railway transport.

Our strengths include wide-ranging knowledge, in-depth expertise and long-term commitment.

We deliver reliable, sustainable and efficiently produced interior door systems for the world’s leading train manufacturers. We are known as a trusted and forward-looking partner that promotes sustainability and combines experience, vision and an understanding of the industry.

Our mission is to work together with our customers towards a green future for transport by ensuring that rail travel is the world’s most comfortable way to get from one place to another.

Discover Polarteknik innovations and connect with us at www.polarteknik.fi.



Gangway fire partition

Scan the QR code below to contact Polarteknik



Please pay us a visit at InnoTrans 2022

HALL 3.1 STAND 730

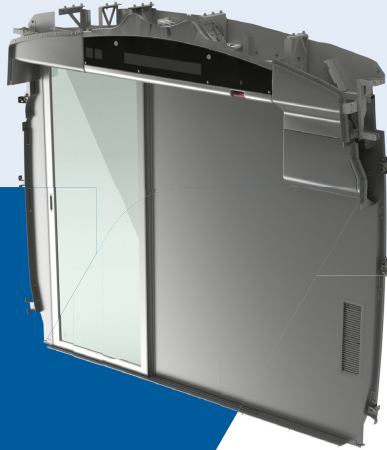
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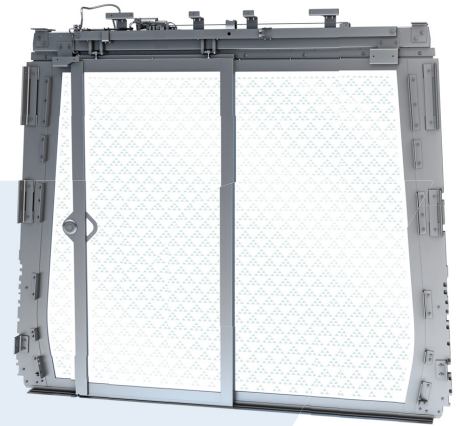


Polartechnik

VHST Honeycomb
partition walls with
automatic door
<130 kg



Metro aluminium
E20 Fire partition
wall with
automatic door,
chrome finish



HST Aluminium
partition walls
with automatic
and manual
doors



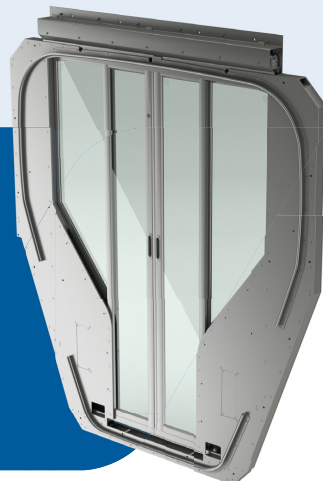
EMU HS Aluminium
and glass partition wall
with automatic door, 4
country homologations



Full glass 1st Class
partition wall with
automatic door



Aluminium E15 Fire
gangway partition wall
with manual door



Dedicated to passenger flow