

DATA CENTRES

Panel Solutions for Data Centres

PANEL INFO



THE COMPLETE SOLUTION

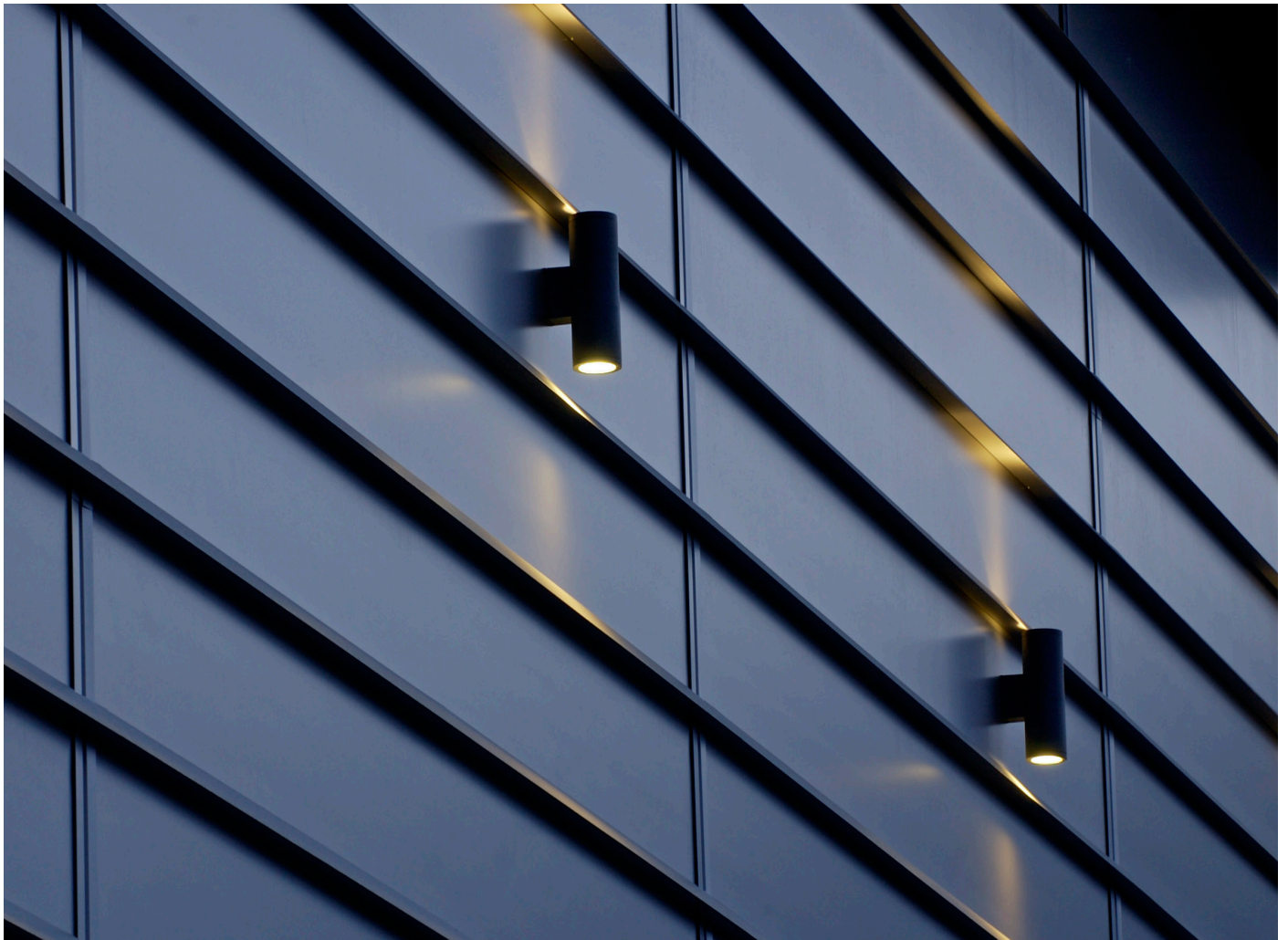
The value and importance of the data held within data centres is enormous, and so too are the financial implications of any loss of business continuity or access to data resulting from fire or other issues arising from construction failure.

Paroc Panel System's AST® sandwich panels are increasingly being specified for the construction of data centres and halls, as technology organisations look to the company's fire-rated panels for the physical security barrier they provide, as well as the fire protection that is essential for safeguarding valuable data.

Wherever quality, durability and fire resistance are required, Paroc Panel System products are the ideal choice to protect life and property, offering a complete solution for building cladding, internal walls and ceilings, along with specially designed details and accessories.

Paroc Panel System's AST® insulated panels are classified in reaction to fire **Euroclass A2-s1, d0** and its structural stone wool core is in Euroclass A1, meaning they demonstrate a very high fire resistance, generate very little smoke and toxic products, and do not form flaming molten droplets. When constructed Paroc panel structures will meet the requirements for **fire resistance of up to four hours (EI 240) as walls and up to three hours (EI 180) as ceilings** depending on panel type, span and thickness.

EI-M classified walls (impact walls) are available also as both single wall construction and double wall construction. The company's EI-M classified fire wall for example has been tested according to standards EN 1364-1 and EN 1363-2. Classifications EI-M 90. EI-M 120 are available.



AST® - Advanced Structural Technology

Data centres require secure and resilient operating environments. Paroc Panel System provides high performance construction solutions to meet stringent design criteria and the increasing need for energy efficiency

AST® technology in our insulated panel systems delivers high tensile strength, long-term durability, high fire resistance, and low embodied carbon, verified by third parties.

What does it mean?

Products must undergo a four-stage quality system:

- Supplier quality control
- Reception control
- Control of manufacturing quality
- Control of finished product with full-scale strength tests

Our sandwich panels meet the requirements of quality and technical inspections carried out by authorised institutes and insurers, and the entire production process is subject to the ISO 9001, ISO 14001, ISO 50001, ISO 45001 and ISO 37301.





Paroc Panel System
Sysilahden teollisuusalue 2
Parainen, FI-21600

+358 (0)46 876 8716
panelinfo@parocpanels.com
www.parocpanels.com



Scan QR code or click here for the most
up to date version of this document.

The information provided in this brochure is accurate as of its date of publication and represents our commitment to quality and transparency. However, Paroc Panel System reserve the right to modify product specifications without prior notice to reflect advancements or improvements. For applications not explicitly covered within this brochure, consultation with our Technical Advisory Service is strongly advised to ensure the product meets your specific requirements.

Users are responsible for verifying the product's suitability for their particular needs and for ensuring compliance with all applicable laws and regulations. For the most up to date and comprehensive product details, always refer to the latest version of this brochure by scanning the QR code above. We reserve the right to update this datasheet, and any other informational materials, at our discretion and without notice. For the latest information, please visit: www.parocpanels.com