



PROJECTS

- »»» NATURAL SMOKE EXHAUSTING
- ⚡ FIRE VENTILATION SYSTEMS
- ⚡ CONSTRUCTION PROTECTION
- ☐ FIRE DIVISION
- 📡 INDUSTRY 4.0 IoT
- 🔋 ENERGY STORAGES



➤ FOR OVER 35 YEARS, MERCOR GROUP HAS BEEN PROVIDING SAFETY

We are one of Europe's largest entities operating in the field of passive fire protection systems. We form an international corporate group which is one of the leaders in its field in the European market. Our comprehensive range of products includes: smoke and heat extraction and rooflight systems, fire ventilation systems and fire protection for building structures. In addition, also created by our subsidiaries: fire separation DFM DOORS, IoT solutions TECHLAB and energy storage ELMECH. We also offer full service support to our customers.

For over 35 years we have been providing safety. The company's portfolio consists of hundreds of projects completed in Poland and abroad. We combine our experience with innovation, creating new solutions to meet the challenges of modern construction.

We are a public company. Since July 2007, the shares of "MERCOR" S.A. have been listed on the Warsaw Stock Exchange.

1.

NATURAL SMOKE EXHAUSTING

Projects – Poland	06
Tram depot "Annopol" (Warsaw) –	07
Heat and power plant "EC Siekierki" (Warsaw) –	08
Projects – Export	9
"Omya" (Austria) –	9
"HAI Logistikcenter" Hammerer Aluminium Industries (Austria) –	10
"LANXESS Deutschland GmbH" Hammerer Aluminium Industries (Germany) –	11
"Quadrant Drive" warehouse and office (New Zealand) –	12
Factory building "Century Mechanical System Factory" (Qatar) –	13
Projects – Subsidiaries	14
MERCOR Dunamenti	14
"Diehl Aviation" (Hungary) –	15
MERCOR Fire Protection UK	16
Unit 3 "Vantage Business Park" (Ireland) –	17
Unit 4 "Courtstown Summerhill Counstruction Co." (Ireland) –	18

2.

FIRE VENTILATION SYSTEMS

Projects – Poland	19
Cracow University of Technology –	20
Hotel "Arche" (Nałęczów) –	21
GLP (Niepołomice) –	22
Motel "One" (Gdańsk) –	23
"Louvre Hotels Group" sieci "Hôtels & Préférence" (Szklarska Poręba) –	24
Castle Museum (Malbork) –	24
Music Academy (Bydgoszcz) –	25
Eco-innovation Center of the University of Technology (Gdańsk) –	25
Space Labs (Toruń) –	25
"Katowice" Hotel –	25
Projects – Subsidiaries	26
MERCOR Dunamenti	26
Hotel "Dorottya" (Hungary) –	27

3.

CONSTRUCTION PROTECTION

Projects – Poland	28
"König Maschinen" (Hungary) –	29

MERCOR S.A.
Table
of contents

4 SUBSIDIARIES SOLUTIONS

DFM
DOORS

Projects – Export	30
Nestlé "Purina" (Hungary) –	31
"Skypark" Office center at the airport (Luxembourg) –	32
Residential development "Domaine Petit Parc" (Luxembourg) –	33
"Tetris H ₂ O" Office building (Luxembourg) –	34
"AEB" – Urban waste incinerator (Netherlands) –	35
"TESLA Gigafactory" (Germany) –	35
Sebastianplatz 4 / Kirchofsgasse 13 / Bossigasse St., Vienna (Austria) –	36
"Mokslo Sala" (Austria) –	37
"De São Sebastião" Hospital in Santa Maria da Feira (Portugal) –	38
"Casa di Parlamento" (Portugal) –	39

mcr
techlab

Projects – Poland	40
Tapflo sp. z o.o (Tczew)	41
Szkuner sp. z o.o. (Władysławowo)	42

elmech

Projects – Poland	43
"Przyjaźń" Foundation (Warsaw)	44

Our Systems



NATURAL SMOKE EXHAUSTING



FIRE VENTILATION SYSTEMS



CONSTRUCTION PROTECTION



FIRE DIVISIONS

ENERGY STORAGES

INDUSTRY 4.0 IoT

NATURAL SMOKE EXHAUSTING

Projects Poland & Export



Natural smoke exhausting supports the evacuation of people and the protection of property. The purpose of this type of solution, as with other fire protection equipment, is to reduce the temperature and remove smoke from areas affected by a fire, thereby improving visibility and facilitating the work of rescue and fire-fighting teams.



Tram depot "ANNOPOL" (Warsaw)



www.youtube.com

Systems: smoke exhaust vents, roof hatches and skylights **mcr ULTRA THERM**,
control units **mcr 9705, mcr R0424 i R0424, mcr RPO-1, mcr BVT**





Heat and power plant "EC SIEKIERKI"
(Warsaw)

Systems: louvered vents **mcr LAM**





"OMYA"
(Austria)

Systems: louvered vents **mcr LAM**



<https://www.omya.com/at-de>





"HAI LOGISTIKCENTER"
Hammerer Aluminium Industries
(Austria)

Systems: louvered vents **mcr LAM**

 <https://www.hai-aluminium.com/en/>





"LANXESS DEUTSCHLAND GmbH"
Hammerer Aluminium Industries
(Germany)

Systems: louvered vents **mcr LAM**



<https://lanxess.com/de-DE>





"QUADRANT DRIVE" warehouse and office
(New Zealand)

System: louvered vents **mcr LAM**



[https://propertyjll.nz/industrial-lease/hornby/
18-quadrant-drive-79804#property-block-360](https://propertyjll.nz/industrial-lease/hornby/18-quadrant-drive-79804#property-block-360)





"CENTURY MECHANICAL SYSTEM FACTORY" Factory building (Qatar)

System: exhaust smoke vents **mcr PROLIGHT** type DVP, **CONTROL UNITS**



NATURAL SMOKE EXHAUSTING

Projects Subsidiaries



We exist on the fire protection market for almost 40 years. At that time, the company became one of the most important companies ensuring fire safety in Hungary and Central and Eastern Europe.

1.

"DIEHL AVIATION" (Hungary)

Systems: smoke exhaust vents
mcr ULTRA THERM

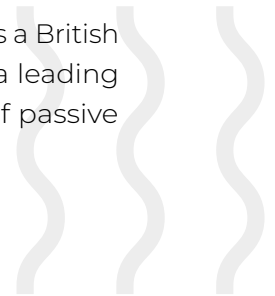


NATURAL SMOKE EXHAUSTING

Projects Subsidiaries



Mercor Fire Protection UK is a British subsidiary of Mercor S.A., a leading specialist manufacturer of passive fire protection systems.





Unit 3 "Vantage Business Park" (Ireland)

Systems: smoke exhaust vents

mcr PROLIGHT DVP,

smoke curtains **mcr PROSMOKE**





**Unit 4 „Courtstown Summerhill
Counstruction Co.”
(Ireland)**

Systems: louvered vents **mcr LAM**



FIRE VENTILATION SYSTEMS

Projects Poland



Properly operating fire ventilation equipment lowers the temperature and provides a supply of fresh air, while significantly reducing the spread of fire to other rooms, allowing for efficient evacuation and firefighting action.



**Cracow University
of Technology**

Systems: staircase protection system **mcr EXi-F**





Hotel "ARCHE" (Nałęczów)

Systems: fire dampers **mcr FID PRO**, **mcr FID S**, **mcr WIP PRO**





GLP
(Niepołomice)

Systems: power and control panel **mcr OMEGA PRO** for aeration gates



2.

Motel "ONE" (Gdańsk)

Systems: fire dampers **mcr FID PRO**,
mcr FID S, **mcr WIP PRO**



2.

"LOUVRE HOTELS GROUP" chain "Hôtels & Préférence" (Szklarska Poręba)

Systems: smoke exhaust fans
mcr MONSUN T i **mcr BORA**,
power and control unit **mcr OMEGA PRO**



Castle Museum (Malbork)

Systems: securing escape routes
against smoke





Music Academy (Bydgoszcz)

System: fire dampers **mcr FID PRO**, **mcr FID S**, **mcr WIP/T**



Eco-innovation Center of the University of Technology (Gdańsk)

Systems: fire dampers **mcr FID PRO**, **mcr FID S**



"Space Labs" (Toruń)

Systems: securing escape routes against smoke **mcr HEX**



"KATOWICE" Hotel

Systems: staircase protection system **mcr EXi-F**, power and control unit **mcr OMEGA PRO**
smoke exhaust fans **mcr MONSUN** and **mcr PASAT**,



NATURAL SMOKE EXHAUSTING

Projects Subsidiaries



We exist on the fire protection market for almost 40 years. At that time, the company became one of the most important companies ensuring fire safety in Hungary and Central and Eastern Europe.

1.

Hotel "DOROTTYA"
(Hungary)

Systems: mcr WIP PRO /S
mcr WIP PRO/V, mcr WIP/S
mcr WIP/V, mcr FID PRO
mcr PL, mcr Tecsel



CONSTRUCTION PROTECTION

Projects Poland



By providing solutions that are not just limited to the development and commercialisation of fire protection materials, we contribute to increasing safety and preventing loss of life and property. We support customers in optimising passive fire protection solutions, including construction protection.



**"König Maschinen"
(Hungary)**

Systems: **Polylack W**



FIRE DIVISIONS

Projects Subsidiaries

DFM
DOORS



In the last financial year, the company realized a turnover of 70 million, equipped the Polish embassy in Berlin and the Eiffel Tower in Paris with its solutions. The production of doors and fire divisions takes place on a modern, automated production line while maintaining the highest standards on the market.



Nestlé "PURINA"
(Hungary)

Systems: doors **DFM DS** & **DFM OS**





"SKYPARK" Office center at the airport
(Luxembourg)

Systems: steel doors **DFM DS**





Residential development "DOMAINE PETIT PARC" (Luxembourg)

Systems: steel doors **DFM DS**





"TETRIS H₂O" Office building
(Luxembourg)

Systems: steel doors **DFM DS**





"AEB" – Urban waste incinerator (Netherlands)

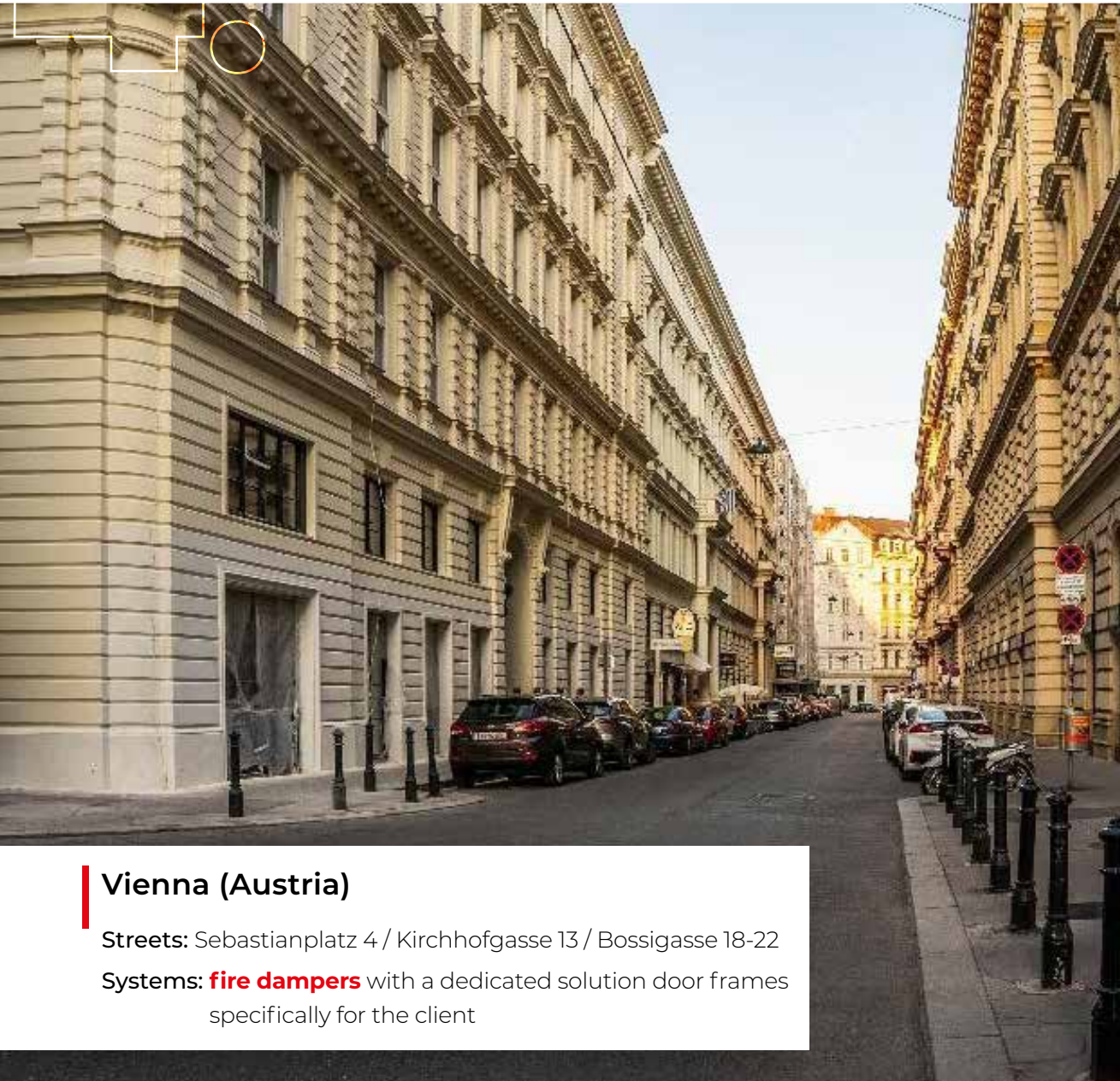
Systems: special doors **HEAVY DUTY**
made of 0.88 mm sheet metal, on **60N**
door frames, **RC** handles from **Eco Schulte**



"TESLA GIGAFACTORY" (Germany)

Systems: doors **DFM DS** & **DFM OS**





Vienna (Austria)

Streets: Sebastianplatz 4 / Kirchofsgasse 13 / Bossigasse 18-22

Systems: **fire dampers** with a dedicated solution door frames specifically for the client

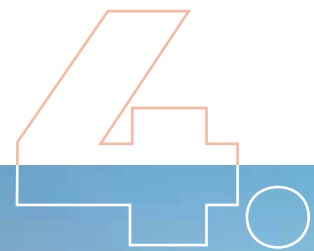




"MOKSLO SALA" (Austria)

Systems: steel doors **DFM DS** and sliding **DFM SG**





"DE SÃO SEBASTIÃO" Hospital in Santa Maria da Feira (Portugal)

Systems: profile doors **DFM GD**





"CASA DI PARLAMENTO" (Portugal)

Systems: steel doors **DFM DS**



INDUSTRY 4.0 IOT

Projects Subsidiaries



At mcr Tech Lab, which is a new company in the Mercor Group, we are responsible for providing innovative solutions in the field of fire safety. We use Internet of Things (IoT) technologies, wireless transmission, blockchain network transactions and we create a modern mobile service.



Tapflo sp. z o.o (Tczew)

Energy, pressure and smoke monitoring system at an industrial pump production plant. The implementation of the monitoring system consisted of installing an access gate - **GATEWAY**, **5 energy measurement modules**, **6 pressure sensors** and **4 smoke sensors** in the boiler room, pumping station and compressors.





Szkuner sp. z o.o. (Władysławowo)

Ammonia detection system on an industrial part. The implementation of the ammonia detection system involved the installation of **1 ammonia detection center**, **29 ammonia detectors**, and **4 alarms** in **6 production halls**. Ultimately, alarms will be visible in **mcr Tech System**.



ENERGY STORAGES

Projects Subsidiaries

elmech



From the very beginning, Elmech has been designing and manufacturing electronics and power electronics for light and heavy industry, the maritime market, power engineering, military, aviation, rail and shipbuilding as well as the food industry. The company has developed many innovative solutions for guaranteed power supply, energy conversion, battery charging, supervision and management and power quality improvement.

"Przyjaźń" foundation (Warsaw)

System: active compensator
of passive energy **XIVAR ASVG**

It is used for continuous compensation of inductive and capacitive reactive power and symmetrization of phase load.

XIVAR ASVG is a device based on IGBT transistors. Additionally, XIVAR ASVG compensates for higher harmonics and is completely resistant to incorrect power supply quality parameters. Cost of the ASVG compensator is the cheapest alternative to passive compensation systems such as capacitor banks and chokes, offering much greater functionality and effectiveness.

XIVAR ASVG completely eliminates fees for inductive and capacitive reactive energy, constituting an effective source of savings for enterprises.





Thank you for your attention

www.mercor.com.pl/en