

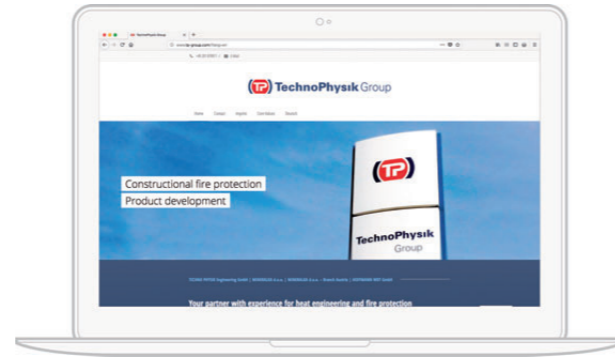
## **(TP)** TechnoPhysik Group

- + **TECHNO-PHYSIK** Engineering GmbH
- + **WD-Technik** GmbH
- + **MINERALKA** d.o.o. Slovenia
- + **MINERALKA** GmbH Austria

The companies in the TechnoPhysik Group produce the THERMAX® and MultiTHERM® 550 brands in several European locations for heat technology applications. In addition to the production of these brands, almost all types of insulations for all kinds of different applications are not only assembled but are also finished. These precision parts that are produced are then used in fireplace and tiled stove construction, electric and gas-fired heat generation industries, household appliances, the aluminium industry, the aerospace industry, renewable energy, and many more.

The THERMAX® and FIPRO® brands are valued worldwide as tried and tested fire protection boards for applications in shipbuilding, the offshore industry, in building and in building services. National, European and international test certificates confirm the quality and performance of these brands. Whether used to construct ventilation ducts or smoke extract ducts, overlaid with HPL or CPL laminates, faced with paper or veneered with real wood – THERMAX® and FIPRO® fire protection boards are the worldwide fire protection boards made of natural, safe raw material.

[www.tp-group.com](http://www.tp-group.com)



Our companies have been successfully developing thermal insulation materials and fire protection products for the national and international market for over 30 years. We offer an extensive and coordinated range of products and individual and competent advice for structural fire protection and industrial heat technology.

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### Contact

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Playing it safe.

- + **HEAT TECHNOLOGY**
- + **FIRE PROTECTION**

- + Advice
- + Development
- + Production

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**Thermax®**

## Fire protection systems for building and building services

**THERMAX®** – high-quality products for structural fire protection. No negative health effects, easy to use, environmentally friendly and sustainable. With a uniquely varied and individually tailored portfolio, THERMAX® products offer maximum safety in use, in working and in sustainability. THERMAX® is produced in an environmentally sound way by adding inorganic binders, it is low-dust during use and 100% recyclable. THERMAX® is always the first choice when it comes to using a “one-for-all” fire protection solution in building and in building services.

[www.thermax.eu](http://www.thermax.eu)

**Thermax®**

## Sustainable insulation for thermal applications

**THERMAX®** can do even more: For example, in the structure of tiled and customised stoves and fireplace installations, as a thermal insulation board, THERMAX® insulates and protects wall units without facing brickwork in one operation. As a fireplace board, THERMAX® simultaneously serves as a construction and insulation material for the structure and sheathing of fireplaces or fireplace insets. In stoves and heating insets, as firebox lining, THERMAX® achieves top efficiencies and low emission values. And as a high-precision moulded part or board, THERMAX® offers optimum protection and safety for combustion chambers, ash and cleaning doors.

[www.thermax.eu](http://www.thermax.eu)

**FIPRO®**  
FIRE PROTECTION

## Fire protection products for shipbuilding and the offshore sector

**FIPRO®** fire protection boards for shipbuilding and the offshore sector fulfil the high requirements of official safety and fire protection regulations in every respect and have been certified by numerous national and international institutions for A-, B- and C-class applications. Strict monitoring ensures compliance with the specified technical parameters. The surfaces of FIPRO® fire protection boards can be finished for visible applications. They are particularly suitable for interior walls, ceilings, wall panelling, furniture and for cabins, work and leisure rooms, but above all for public areas. FIPRO® is completely natural and 100% recyclable.

[www.fipro.si](http://www.fipro.si)

**MultiTHERM®**  
550

## Microporous high-performance insulation materials for thermal application

**MultiTHERM® 550** is a physiologically safe high-performance insulation material, which achieves the best insulation values in the smallest space. It contains no binders and can be used almost dust-free. No unpleasant respiratory tract irritations or skin irritations are caused during machining. MultiTHERM® 550 is ultracompact and achieves a thermal conductivity of only 0.023 W/mK. No fumes, foreign materials or odours are emitted during a heating process. The material is lightweight, firm and self-supporting, remains flexible and is easy to use. MultiTHERM® 550 is completely natural and 100% recyclable.

[www.techno-physik.com](http://www.techno-physik.com)



Elbphilharmonie, Hamburg / THERMAX® fire protection ceiling construction



Application example: Fireplace enclosure with THERMAX® construction boards



Queen Mary II / FIPRO® decorative fire protection



Application example: MultiTHERM® 550 in the smallest space in industrial ovens