



Building tomorrow today:

22·26, where cost-efficiency meets
environmental responsibility

Energy, change and perspectives

Climate change and the energy transition require a rapid and radical rethink of the way we build as demand for sustainable, energy-efficient buildings continues to increase. We need to conserve resources, reduce emissions and bring down costs on every construction project – from the design stage through to operation. This is just what the 22-26 method has been developed to do: create economically and environmentally optimised solutions for future-proof building. First implemented in our pioneering 2226 Building in Lustenau, Austria in 2013, it has now more than proved its worth, producing impressive results and attracting growing interest from constructors, investors and policymakers alike.

Sustainability, longevity and comfort:

22-26 – the time is right

In essence, the 22-26 method sets out to make more effective use of the energy in the world around us. 22-26 buildings maintain a comfortable temperature of between 22°C and 26°C throughout the year without the need for conventional heating, ventilation or air conditioning technology. In its place, an intelligent control system ensures a constant, pleasant room climate using software instead of hardware. Easy to operate, the 22-26 system also offers excellent construction-cost, energy-efficiency and lifecycle-cost performance.

Axel Meier, Managing Director of 2226 GmbH, sees great potential for the 22-26 product:

“In the current European context of high energy prices and CO2 awareness, the market is crying out for this type of solution. And our 22-26 technology is market-ready and primed to be rolled out at scale.”

Holistic engineering for sustainable buildings

2226 GmbH, the company responsible for implementing our 22-26 systems, can now call on the support of acclaimed design company PKi GmbH, which joined the be: AG group earlier this year. This new addition to our ranks strengthens the group's engineering division, grafting PKi's expertise in building services, integrated energy concepts, simulation, building physics and monitoring onto 2226 GmbH's existing service offering.

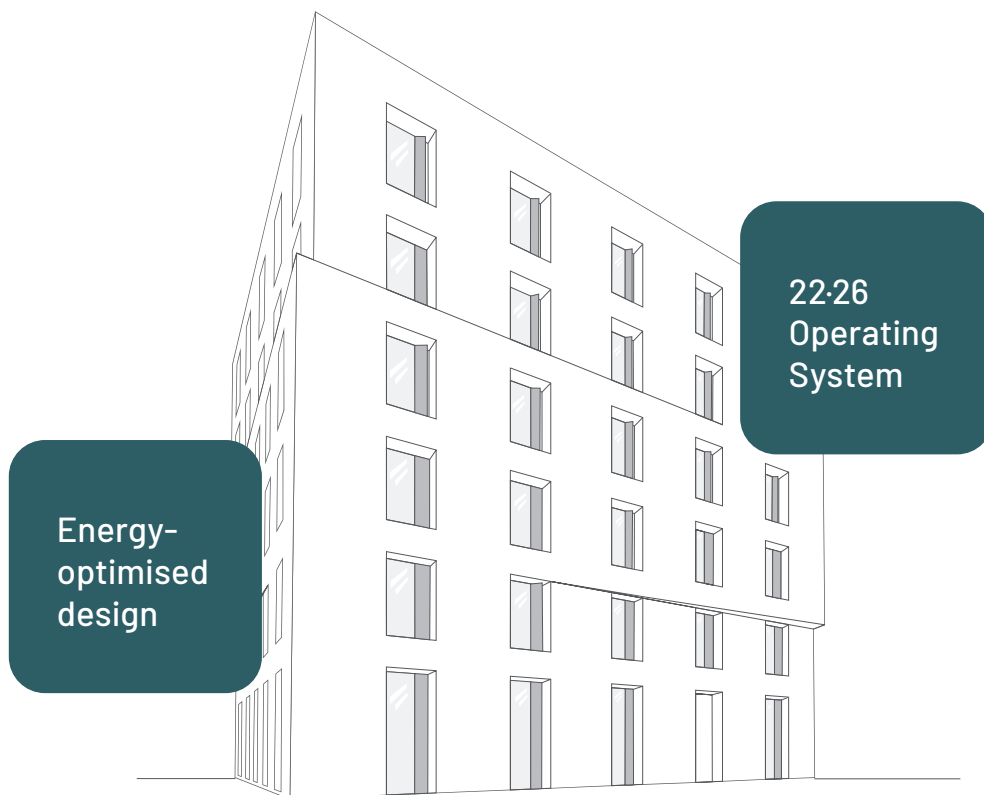
Clients will benefit from a tender process supported jointly by the 2226 GmbH and the PKi GmbH, working with a named contact person to ensure you get the best bid for your particular requirements. Our comprehensive service package covers all aspects of building design with a project team of specialists in building physics, design and add-ons (e.g. additional backup systems) tailoring a system to your needs, thereby reducing overall specialist design costs.

Elmar Hasler, CEO at parent company :be AG, also foresees a bright future for its engineering division and the 22-26 method.

“Away from the policy debate about technological alternatives to fossil-fuel-based heating systems, 22-26 offers a visionary method that is now ready to be rolled out at scale. It meets the environmental, economic and social concerns of the sustainability megatrend, covers all aspects of the circular economy and offers a reliable and integrated approach to the future-proofing of valued existing buildings.”

2226 GmbH

Established over 10 years ago, 2226 GmbH is a technology service company that designs sustainable, energy-efficient buildings based on its ground-breaking 22-26 method and the twin pillars of custom building structures and intelligent control software.



Our vision

It all started with a vision of a building without heating or air conditioning. A building designed for the people who use it, with a welcoming atmosphere and comfortable room temperatures measured against the universally accepted benchmark of 22°C to 26°C. Now this vision has become reality, its name a guarantee.

Our implementation of the 22-26 method is helping drive change in the construction industry, making sustainable construction the new standard across the sector. Future-proof and investment-friendly, 22-26 buildings provide people-friendly living and working environments for the long term.

Comprehensive support throughout the design and construction process

2226 GmbH will guide you through your 22-26 project, providing advice and assistance from initial evaluation to operating documentation for your completed 22-26 building.

Project phases at a glance

1 Analysis

We use comprehensive site analyses, our expertise in building physics and robust empirical data to set comfort and energy targets.

2 Design

During the planning phase, we collaborate closely with the commissioned architects. Among other things, we determine year-round thermal protection, optimise the building envelope, determine the comfortable indoor climate and offer advice on the choice of construction materials.

3 Simulation

We then employ thermodynamic simulations based on the 22-26 method to test the building design and identify the potential need for backup-systems in exceptional conditions.

4 Operation

We monitor the implementation of all system decisions taken during the design phase, coordinate the various project players and provide support throughout the compliance process. We supply the control software required for building operation, oversee commissioning and provide quarterly reports for every 22-26 building.

Axel Meier, Managing Director of 2226 GmbH

„A 22-26 building operates with a minimum of technology, avoiding large-scale HVAC installations, which are replaced by an intelligent control system – software instead of hardware.“

22:26 – the story of our success

Since completion of our prototype “2226 Building” in Lustenau, Austria in 2013, a further 40 projects have been completed, are under construction or at the design stage. To date, we have implemented the 22:26 method in Austria, Germany, Switzerland and France.

Suits a range of building typologies, architectural styles and construction methods

The 22:26 method is scalable: it can be applied to a variety of different building typologies and project sizes. Thanks to its flexibility, it also works well with a wide range of architectural styles and building methods. This makes it equally appealing to architects, investors, project developers, property companies and institutional clients. It can be used in the following building typologies:

Residential: People who live in 22:26 buildings save on energy costs and sleep in comfort thanks to optimum night-time air quality and comfortable temperatures. We also offer a range of stand-alone backup solutions for constant hot water and top-up winter heating.

Office: A room booking function automatically prepares conference rooms for upcoming meetings. Sustainable office buildings impact positively on employer branding and improve corporate ESG outcomes.

Education: Optimum room conditions are crucial in learning, teaching and training environments. Comfortable temperatures, fresh air and protection from disruptive ambient noise have all been shown to improve concentration.

Renovation: Old buildings can generally be retrofitted quickly and simply thanks to various measures designed to meet the requirements of listed building status and other regulations.

Completed 22:26 buildings

ROBIN Seestadt Aspern, Vienna, Austria
22:26 for mixed use.



JED Schlieren, Switzerland
22:26 on a whole new scale.



The 2226 Building, Lustenau, Austria

Our pioneering 2226 Building in Lustenau has been demonstrating the impressive savings potential of the 22:26 method since 2013. It is also the headquarters of 2226 GmbH.



2226 Emmenweid, Emmenbrücke, Switzerland

Completed in 2018, 2226 Emmenweid is a manifesto for sustainable construction. An energy first for Switzerland, it also blends seamlessly into the surrounding urban context.

2226 Lingenau, Austria

Completed in 2019, 2226 Lingenau illustrates the flexibility of the 22:26 method in terms of design vocabulary and facade design.

22·26 buildings under construction

7

2226 Confluence Lyon, France

A first for France:
a 22·26 residential development.



WAS Wirtschaft, Arbeit und Soziales, Luzern, Switzerland

Our largest 22·26 building to date.



2226 Kornelius Forum, Berlin, Germany

A first for Germany:
a 22·26 residential development.





Elmar Hasler

CEO of :be AG. A qualified architect, Elmar Hasler has been with Baumschlager Eberle Architekten since 1992, working as project manager, senior project manager and member of the Baumschlager Eberle Group management board. He was Managing Director of the St. Gallen office from 2008 before his appointment as CEO of :be AG on 1 January 2020.



Axel Meier

Managing Director of 2226 GmbH. With more than 25 years as a sales executive working on complex IT solutions and projects, he has been closely involved with the 22-26 method for over three years. He was appointed Managing Director of 2226 GmbH in January 2024.

Press contact



Claudia Schwind
BE Services | Head of communications

7, rue Debelleye
75003 Paris, France
T+33 7 85 46 51 02
c.schwind@be-architects.fr
Languages DE | EN | FR | IT

Photography/rendering credits

Eduard Hueber
René Dürr
Alexandre Besson
Baumschlager Eberle Architekten
Architekturbüro Gigon / Guyer

Project credits

Baumschlager Eberle Architekten
Architekturbüro Gigon / Guyer (WAS, Luzern, Switzerland)

:be AG

be AG is a holding company whose activities centre on investment in architecture firms and property companies across Europe and Asia. Its core brands are Baumschlager Eberle Architekten and 2226®.

2226 GmbH

Established over 10 years ago, 2226 GmbH is a technology service provider with offices in four different locations. It manages the design and implementation process for the groundbreaking 22-26 method and markets the accompanying proprietary intelligent control software. Its planning and control system is a byword for the highest levels of thermal comfort coupled with optimum energy savings.

PKi GmbH

An engineering firm with offices in Stuttgart and Cologne, PKi has over 25 years' experience in the design, development and implementation of sustainable energy concepts for public and private buildings. Its work centres on two core areas: the use of renewable energies and the combination of building physics and building services in the quest for climate neutrality, resource conservation and sustainability. PKi's unique integrated design approach can be summed up in two words: holistic engineering.

The 22-26 method ensures :be AG a unique place in the sustainability sector



22 26 GmbH
Millennium Park 20
6890 Lustenau
Austria
office@2226.eu

www.2226.eu

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