







SAP Headquarters in Walldorf

Planning Time: 2 months

Execution Period: 4 months

Construction Description: 4.700 m² *climaBOARD-S®ppi* and *climaBOARD®ppi* highly conductive gypsum panel cooling ceiling with integrated capillary piping system, novel cooling surface technique for suspended ceilings with high demands of room acoustics, lighting design and cooling efficiency.

Architect:

SCOPE office for architecture, Stuttgart

© Photo: Zoöey Braun

OUR CONCEPT: NO COMPROMISES

To cool or to heat rooms nowadays requires innovative solutions: Rising energy costs and limited environmental resources are accompanied by increasing demands for optimum indoor climates. Meaning compromise is incongruous.

ICS offers the perfect alternative to conventional heating and energy-intensive air conditioning. Discreetly integrated into the room design, our modern and environmentally friendly ceiling cooling and heating solutions make for silent, draft-free and constant room temperature control - whether for commercial or private sector, or for new buildings or renovation.


As a family-run medium-sized enterprise we are proud, that for many years we have been appreciated by our customers and have become a competent and recommended partner. The trusting cooperation that we have built with architectural, engineering and exporting companies and builders shows that integrated planning, punctuality and reliability are the basis for successful follow-up projects.

So see for yourself, what makes us so special.



Stefanie Mühlbauer-Paschütte

Thomas Paschütte



No project is like the other.
Each has its own aesthetics
and modern style to offer,
that is what spurs me on.

ROSICA KOMITOVA, ICS-PROJECT MANAGER, GRADUATED ENGINEER ARCHITECT

ICS is your specialist for the development, production and execution of cooled and heated ceiling systems. Since 1995, customers have been relying on our tailor-made products, benefits and services. For us quality is of utmost importance. This applies to engineering and planning as well as for design and execution.

The unique thing about the way we work: We accompany you holistically, across all trades, in all project phases and offer all measures from a single source - as and when required, forward-looking and well above the industry average. For example, all orders are completed by our own, professionally trained Installation personnel. For our customers this means: With changes we can respond swiftly and rapidly implement new solutions.

In order to optimally implement customer requests, we rely on trained and experienced staff. At the headquarters in Leipzig and in our office in Velbert in the Rhineland a superb team of planning and project engineers, architects, building technicians, workshop masters, site managers and fitters is available.



Landessparkasse zu Oldenburg (LZO), Management Board Division

Planning Time: 4 months
Execution Period: 4 months
Construction Description: 1.700 m² *climaBOARD-S*[®] acoustic fine gypsum panel cooling ceiling and 600 m² *climaPLAN*[®]cu acoustic fine high-performance acoustic cooling ceiling with individual room control and piping installation.
Architect: RKW Architektur + Städtebau

© Photo: Stephan Pusch



Baustoff + Metall GmbH, Branch Leipzig

Planning Time: 2 months

Execution Period: 4 months

Construction Description: 300 m² *climaBOARD*®cu gypsum panel cooling ceiling

© Photo: Christian Günther



COMPREHENSIVE CONSULTING AND INDIVIDUAL CONCEPT DEVELOPMENT

For functionally perfect ceiling cooling and heating systems, a smooth coordination of many different trades and requirements is paramount. For that reason we are your reliable partner.

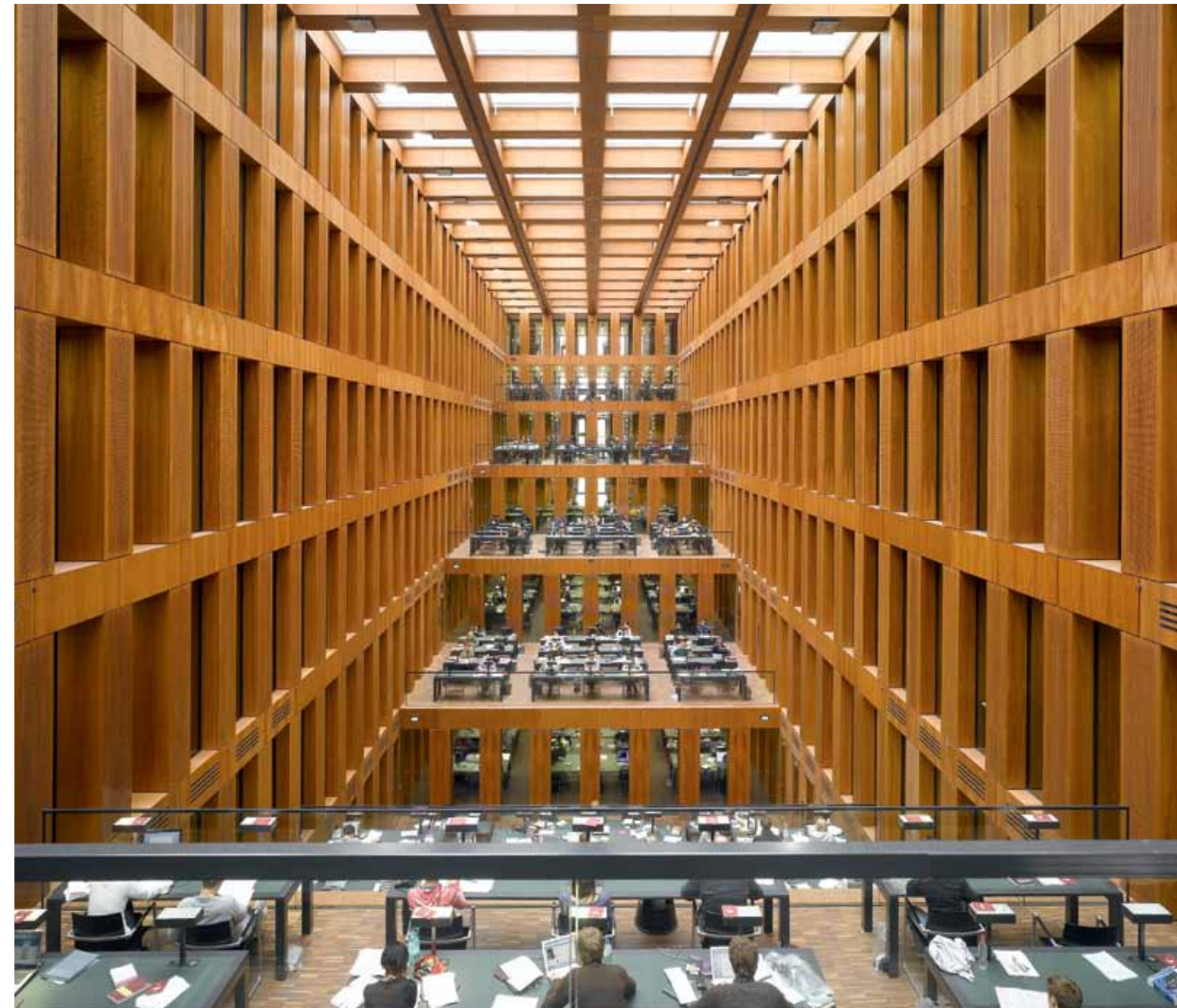
A detailed consultation is carried out at the beginning of every project: your wishes, needs and budget all contribute to the parameters, from which we develop different construction concepts of finished systems. We do not concentrate on indicated system and product specifications, rather we consider all factors including property related demands such as architecture, acoustics, lighting as well as the on-going operation and maintenance costs.

Our aim is to provide you the perfect solution available for your purposes – investment and execution safe. For this reason, business relations for us are long-term relationships.

DETAILED PLANNING AND IMPLEMENTATION ALL FROM ONE HAND

If you opt for a ceiling cooling and heating system, our professional planners will supply you with a highly detailed installation plan. It offers real added value: Clear representation of all architectural connection details, coordination and conflict plans for all affected trades, integration of media technology and the establishment of construction processes.

We think ahead, efficiently and precisely, and guarantee a trouble free schedule and trustworthy design execution.



Therefor our principle is, all of our services are provided from one source to implement a faultless cooling and warming operation respectively. The core competence handling remains with our project and onsite building managers from the first to the last day.



Humboldt University, Berlin, Reading Hall of the Central Library

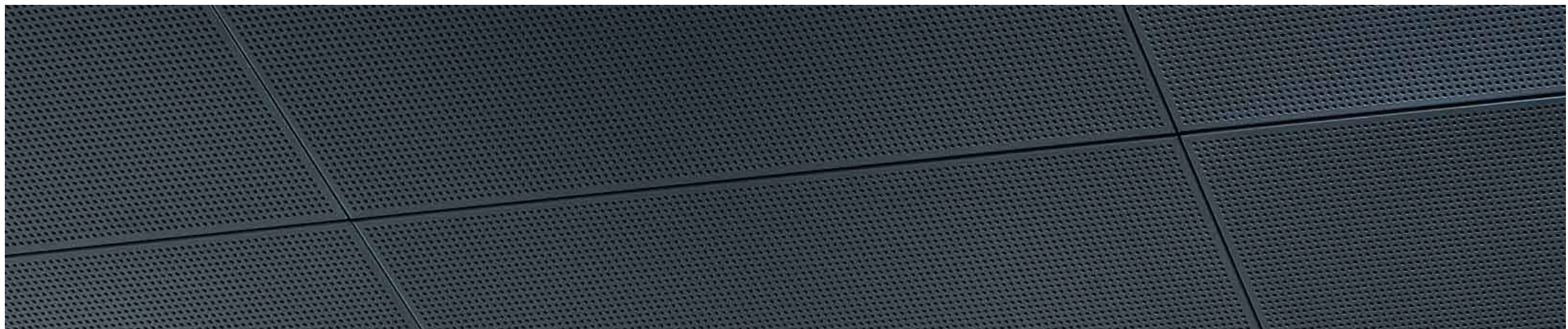
Planning Time: 6 months

Execution Period: 2 months

Construction Description: 200 m² *climaMINERAL*®pp
Plaster cooling ceiling
1.000 m² *climaTILE*®cu Acoustic-metal tiles-Cooling ceiling, Special construction from particular Langenfeld sheets
Max Dudler, Berlin

Architect:

© Photo: Christian Günther



VERSATILE DESIGN OPTIONS

Whether simple and functional or refined and aesthetic: With our sophisticated equipment a variety of interesting and appealing cooling and heated ceilings can be produced. The combination possibility of high-quality building materials is one of the most important features of these systems.

With many standard and special solutions, we provide an extensive product which in turn provides the architects and planners the optimal design space.



Baustoff + Metall GmbH, Branch Leipzig

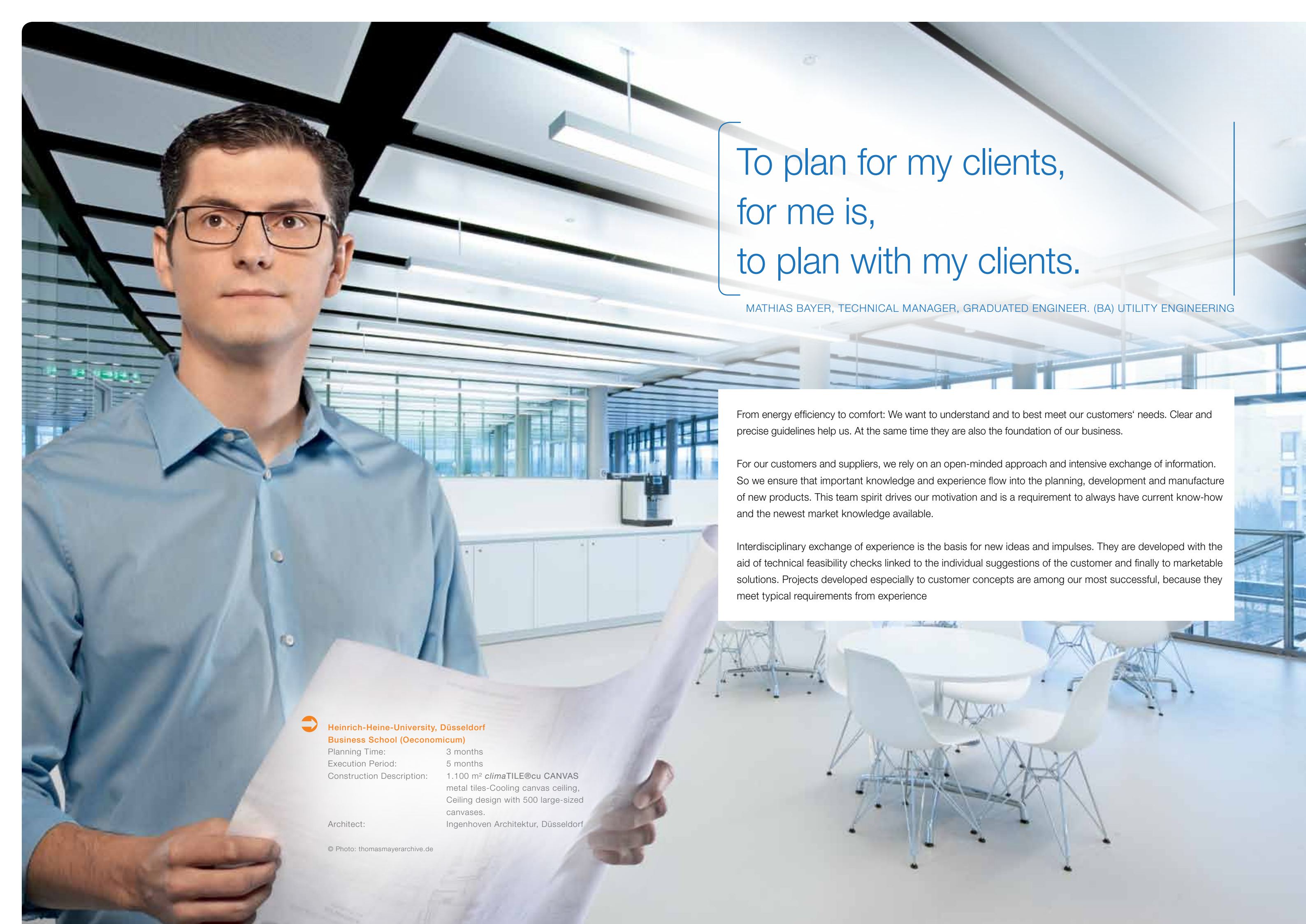
Construction Description: 300 m² *climaTILE*®cu Acoustic-metal tiles-Cooling ceiling with integrated media technology

© Photos: Christian Günther

Bauwens, Administration Building in Cologne

Planning Time: 2 months
Execution Period: 7 months
Construction Description: 200 m² *climaTILE*®cu metal tiles-Cooling ceiling with integrated lighting design
3.600 m² *climaBOARD*®cul gypsum panel cooling ceiling

© Photo: Stephan Pusch



To plan for my clients,
for me is,
to plan with my clients.

MATHIAS BAYER, TECHNICAL MANAGER, GRADUATED ENGINEER. (BA) UTILITY ENGINEERING

From energy efficiency to comfort: We want to understand and to best meet our customers' needs. Clear and precise guidelines help us. At the same time they are also the foundation of our business.

For our customers and suppliers, we rely on an open-minded approach and intensive exchange of information. So we ensure that important knowledge and experience flow into the planning, development and manufacture of new products. This team spirit drives our motivation and is a requirement to always have current know-how and the newest market knowledge available.

Interdisciplinary exchange of experience is the basis for new ideas and impulses. They are developed with the aid of technical feasibility checks linked to the individual suggestions of the customer and finally to marketable solutions. Projects developed especially to customer concepts are among our most successful, because they meet typical requirements from experience



**Heinrich-Heine-University, Düsseldorf
Business School (Oeconomicum)**

Planning Time: 3 months
Execution Period: 5 months
Construction Description: 1.100 m² *climaTILE@cu* CANVAS
metal tiles-Cooling canvas ceiling,
Ceiling design with 500 large-sized
canvases.

Architect: Ingenhoven Architektur, Düsseldorf

© Photo: thomasmayerarchive.de



**BabyOne GmbH & Co. KG,
Head Office, Münster**

Construction Description:
Retrofitted with 900 m² of
climaTILE@cu Canvas
cooling canvas, special construction
for particularly low suspension height,
completely hidden pipework

© Photo: BabyOne GmbH & Co. KG

PERFECT DESIGN TO YOUR LIKING

Our products are as diverse as your requirements. Optimum use of space, appealing design and consistent environmental friendliness determine our planning. Whether flat or divided into segments, open or closed, painted or textured, hanging with fine porous acoustic plaster or as a free hanging canvas:

We have the appropriate solution.

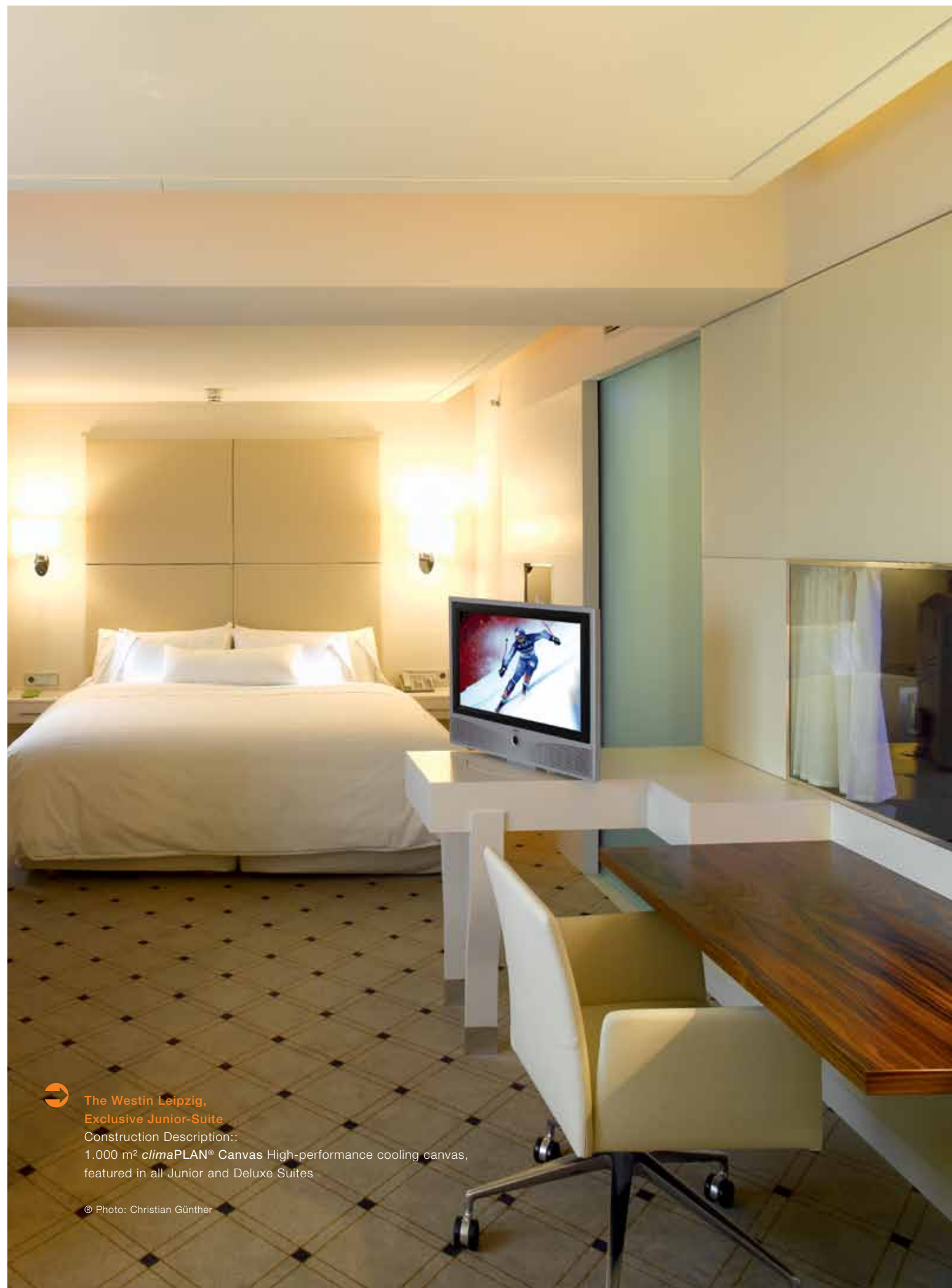
At ICS, you can choose from a range of high quality products with long lasting useful life. At the same time you can opt for proven quality, fulfilled contemporary standards seamlessly fit to your project.



PROVEN QUALITY FOR A COSY ATMOSPHERE

To ensure the constant desired room temperature for every cooling and heating ceiling system, it needs to be electronically monitored. It goes without saying, we can supply you with the necessary accessories for measurement and regulation. With our in-house test laboratory, we are additionally a reliable partner for measurements in accordance with all relevant standards.

Incidentally, ceiling cooling and heating systems by ICS can also be retrofitted, e.g. to do justice to new intended usage or increased comfort requirements. Due to the low construction height of the products, installation can be carried out quickly, without the current use of space being affected by the construction.



**The Westin Leipzig,
Exclusive Junior-Suite**

Construction Description::
1.000 m² *climaPLAN*® Canvas High-performance cooling canvas,
featured in all Junior and Deluxe Suites

© Photo: Christian Günther

A man with curly brown hair and glasses, wearing a yellow t-shirt and blue overalls, is holding a blue clipboard with the ICS logo. He is looking directly at the camera with a serious expression. The background is a blurred industrial setting.

With service and quality,
I look closely.

LOTHAR OLEJNICZAK, SERVICE AND WORKSHOP MANAGER

Quality is our top priority - not only when it comes to products and execution, also in terms of service and maintenance. ICS meets the highest demands: punctuality, precision craftsmanship and individual service.

To ensure the perfect functionality of newly installed complex heating and cooling systems, they require a specialised follow up and adjustment. We have made it our task to regularly and responsibly examine all systems throughout the start-up phase. The system parameters are measured and adjusted if necessary. Your advantage: Malfunctions or even functional problems are avoided before they even occur.

Our competent customer service team is available around the clock for you. We can analyse faults promptly and resolve them within a short time nationwide. Regular maintenance extends the operational lifespan of cooled and heated ceilings which is therefore a wise investment. A concluded maintenance contract with ICS guarantees problem-free and energy-optimized system operation – and therefore in the long term, a predictable and cost effective handling of the system.

TECHNOLOGY THAT SAVES MONEY

Integral Ceiling cooling and heating systems work covertly. Their functionality and the associated thermal comfort depend largely on the requirements and suitable span of supply. The on the „point“ planned and implemented preparation of the required cooling and heating media is the nuts and bolts of every reliable and unobtrusive operating system.

Even small deviations of the target surface temperature of Ceiling cooling and heating systems gravely affect the heat transfer and cooling performance. High operating costs and installation damages are often the result.

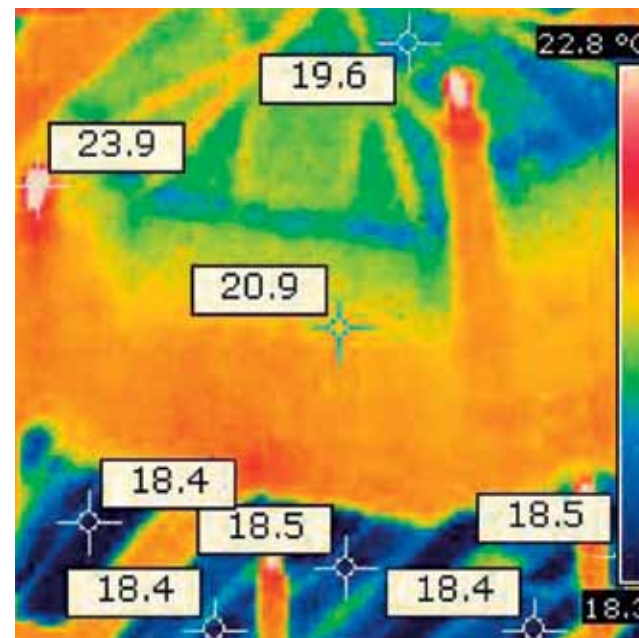
ICS -Know-how and technology Prevention: Using state of the art infrared thermal imagers, the smallest temperature differences are made visible and can be evaluated. It shows a thermo graphic recording of the exact course of the cooling battery which can identify flow disturbances through insufficient hydraulic balancing.

Best of all, thermography is non-destructive or intrusive and is possible during operation. Our experienced specialists evaluate the recordings and provide valuable tips for further system operation. So let us inspect and improve your system: an investment you deserve.



Domed roof light with vertical aperture

Cooling technology has not been used on the Vertical aperture of the domed roof light. The temperature differences compared to the activated surfaces are clearly visible.



SAVE ENERGY AND COSTS WITH A HOLISTIC SYSTEM

Integrally, we clearly understand the planning and implementation of an operational system: From the installation location of the cold and warm generator, above the cooling and heating ceiling, to the on-going system support. This seamless execution from one source, from day one, ensures an energy efficient and trouble-free system operation.

ICS - Your partner for professional planning and execution



**Baustoff + Metall GmbH,
Branch Leipzig**

Heat exchanger station

© Photo: Christian Günther

Imprint

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