



# ***KNAUF***

## ***EDUCATION***

APPLICATION BROCHURE

***Build on us.***



## *Creating Spaces to Inspire*

**Having an education that will last a lifetime is down to outstanding, inspirational teachers that deliver learning with knowledge and passion – but these tutors need the right spaces in which to do this.**

Schools, colleges and universities are complex ecosystems, and the buildings that house them need to take this into account. They encompass everything from focussed classrooms, quiet study areas to sweeping auditoria and lecture theatres, sound studios and common rooms. Each space has its own requirements and intricacies – but all need to optimise the learning experience.

So, what does this take? It takes careful consideration of architectural zoning, and how each space works individually and as part of the ecosystem. It takes a balance of acoustic performance and visual comfort – where tutors can be heard clearly at the back of the class, and where students can concentrate on their work.

Above all, however, it takes an awareness, sensitivity and commitment to creating a safe, healthy and peaceful environment for education to thrive, and a dedication to creating spaces as inspiring as the teaching within them.

# Educational Spaces

1

## Classroom

On any given day, thousands of students are unable to understand one out of every four spoken words in classrooms due to inadequate acoustics. Consider ceiling solutions with balanced acoustic performance and high light reflectance to create better and brighter spaces for students to learn, and teachers to teach.



2

## Auditorium

From graduations to student theatre performances, auditoriums are used for a variety of events that make sound control critical. Acoustical needs can range from sound reflection for controlled vibrancy to sound absorption for less reverberation. Play up drama with designs that set the stage, but can also provide the acoustical performance that preserves sound quality and durability to ensure long-lasting good looks.



3

## Library/Media centre

Poor lighting and glare can cause eye strain and fatigue, hampering a student's ability to concentrate. Add character through your choice of materials and forms. Modular acoustic ceilings as well as floating ceiling solutions such as acoustic canopies and vertical baffles are worthy of centre stage.

4

## Cafeteria

Cafeterias are more than places to eat. These open spaces require different acoustical and durability needs, depending on use. Noise reduction is key and can be accomplished through ceilings with balanced acoustics to absorb sound and keep it from traveling to adjacent areas.



5

## Gymnasium

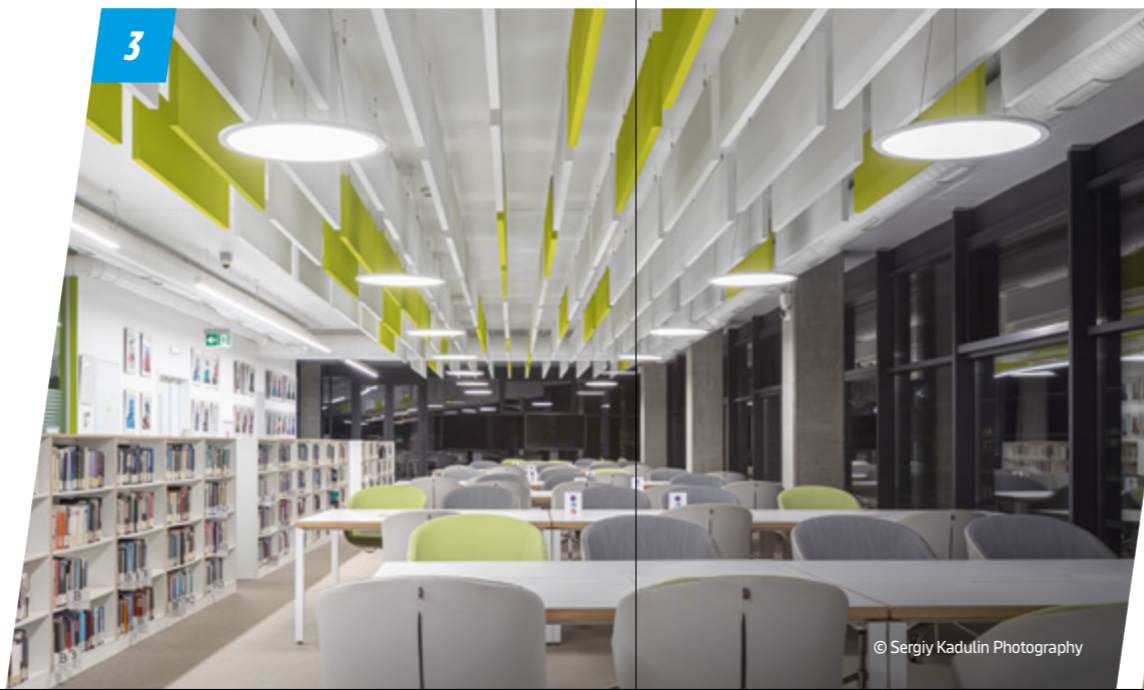
Gymnasiums often serve as multipurpose spaces with a broad range of duties from hosting the visiting basketball team to setting the stage for special performances. Their hard, reflective surfaces can make the environment noisy and drastically lower the acoustical quality. Reduce the noise with impact-resistant ceiling and wall panels that offer optimal acoustic performance.



6

## Corridor

School corridors hum with activity as they usher students from classroom to classroom and connect key areas of the building. Help reduce unwanted noise coming from busy corridors through ceiling solutions with balanced acoustics that offer sound absorption and sound blocking performance.



# Countless Classics to One-Off Creations

Our comprehensive ceiling portfolio includes sustainable mineral and wood wool solutions, durable metals, and acoustically optimised wood design. With our multi-material approach the design and performance possibilities in educational buildings are virtually endless.

## Elementary School Bukovac Zagreb, Croatia

### Ceiling & Wall Solutions

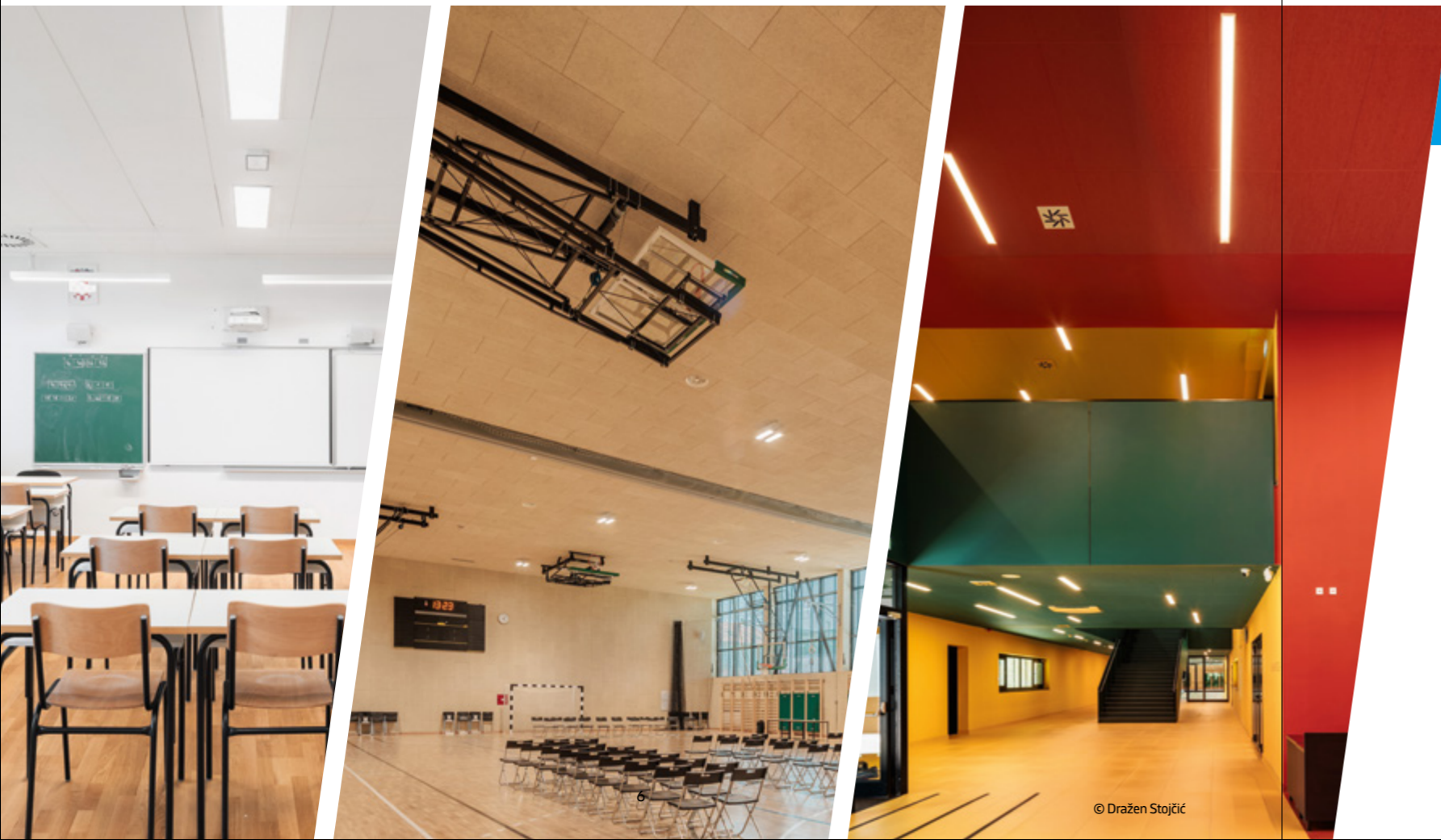
VARIOLINE Colour, Finesse (Lemon Yellow, Copper Brown, Azure Blue)

ADAGIO HD+, Finesse

HERADESIGN® Superfine Alpha+ (Natural Tone)

# High-Class Ceilings to foster Concentration

Whether in schools or universities, ceilings for educational buildings should be designed studiously to optimise sight and sound. Our ceiling and wall system solutions ensure perfect acoustic balance in any space – from small classrooms to sweeping auditoriums, quiet libraries to buzzing gymnasiums. They also offer high light reflectance to keep students alert. With modular ceilings, floating ceilings, and wall panels available in an array of colours, shapes, and sizes, you have endless possibilities to create stimulating spaces that nurture concentration and creativity.



## Benefits of our Ceilings for Schools & Universities



**Comfortable acoustics**

Balanced acoustic environments enhance occupant comfort, aid speech intelligibility, and support privacy. Our ceiling materials offer high sound absorption for clear communication and optimal sound attenuation to reduce distractions between rooms.



**High light reflectance**

Natural light has a positive effect on human mood and productivity. Returning up to 88% of light (versus 75% with standard ceilings), our ceiling tiles enhance occupant wellbeing and reduce the need for artificial lighting, thus also saving energy.



**Safe air quality**

High volatile organic compound (VOC) levels can impact occupant health. Most of our ceiling materials are certified by Eurofins Indoor Air Comfort® and Indoor Air Comfort® Gold to have low or very low VOC emissions.

***Build on us.***

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