



KNAUF

ELEGANZA

Seamless Acoustics

Build on us.



With ELEGANZA,
you're not just designing
a space; you're creating
**an experience that
shapes how people feel**
within it.

Design for the Senses

Creating future-focused, eco-friendly buildings doesn't just mean designing for how people will use a space. It means designing for how they'll feel using that space. Sustainability and well-being go hand in hand – which means your approach and the systems you use need to help you design for the senses. Open up welcoming spaces, minimise unwelcome noise.

That's why we created ELEGANZA: a ceiling system featuring seamless, monolithic looks to please the eye and outstanding sound absorption to cater for the ear. It's the perfect balance of sight and sound, beauty and performance – an elegant ceiling with a surface designed to quietly enhance the acoustic of a space, and improve how people will experience it. ELEGANZA puts sensory design at the core of your constructions.





Space for Peace and Quiet

The spaces we live in should create more of the calm we need to feel at home.

Whether it's a noisy open-plan living room when the children are home from school, or a compact studio apartment in the heart of the city, ELEGANZA helps turn housing into homes – giving residents brighter, quieter spaces that enhance well-being, aid focus, and deliver a higher standard of living. And, being just as suitable for workspaces, public spaces and private spaces, ELEGANZA ensures that wherever you go, you can live life in comfort.

ELEGANZA can quieten any office into a space to focus and collaborate. It can transform bustling restaurants into intimate dining experiences, and bring order to leisure and retail. It can turn noisy classrooms and cavernous lecture halls into theatres for listening and learning – and give every tenant in an apartment block their own space to live. It does all this through an uncompromising balance of outstanding acoustic control and stunning seamless visuals. Just imagine what it could do for your next project.

Market Segments



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Office

Bring focus and concentration to work through optimum sound absorption and light reflectance.



© Dion de Bakker

Leisure & Hospitality

Create welcoming environments through tasteful design, hushed sounds, and enhanced light reflectance.



© MVL Media Groep

Retail

Refine the shopping experience with our vast choice of elegant mineral ceiling designs.



© Dion de Bakker

Education

Nurture the joy of learning by creating stimulating spaces with high-class acoustic and visual quality.



© Pennings Akoestisch Afbouwen

Residential

Transform housing into homes by offering residents brighter, quieter spaces that promote well-being.

Your Benefits with ELEGANZA



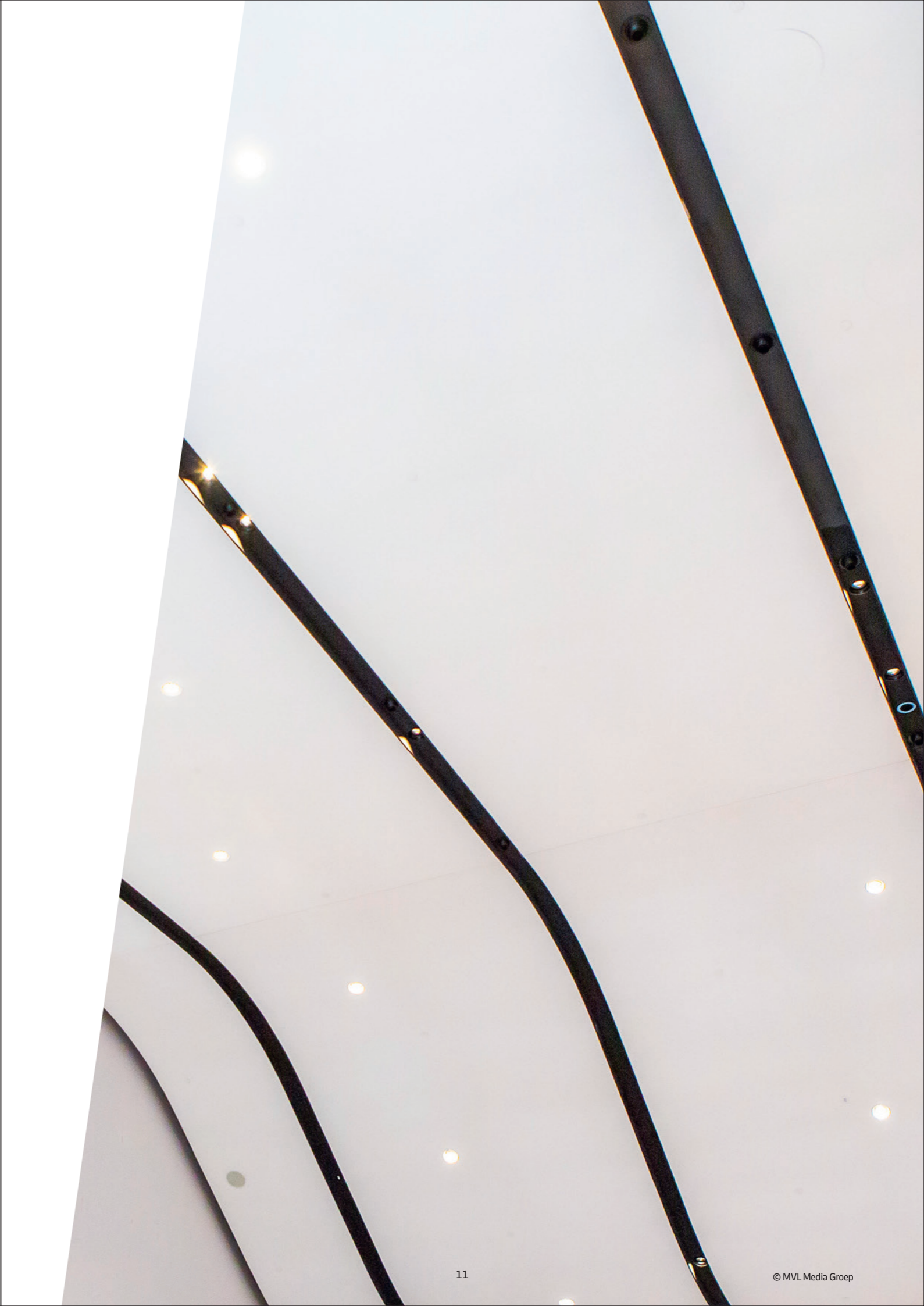
Modern, Elegant Design

ELEGANZA stands for seamless, monolithic aesthetics and creates a timeless ceiling design that meets the highest demands. With its variety of colours, shapes and applications, the system offers ultimate individuality and flexibility. In combination with plasterboard, even curved shapes are possible to elevate interiors to new heights.



White, Durable Ceiling Surface

With its white, ultra-fine spray finish – achieved in only two layers – and its high light reflectance, the surface of ELEGANZA supports a natural and pleasant daylight environment. The unique airtight system prevents filter effect and ensures the ceiling surface stays brighter and whiter for longer.





© Dion de Bakker

Top Acoustic Performances

In addition to its signature look, ELEGANZA also offers excellent sound absorption (Class A, $0.95 \alpha_w$) and good sound attenuation (33 dB) with a panel thickness of only 25 millimetres. This creates a comfortable and serene room environment with a sense of well-being.

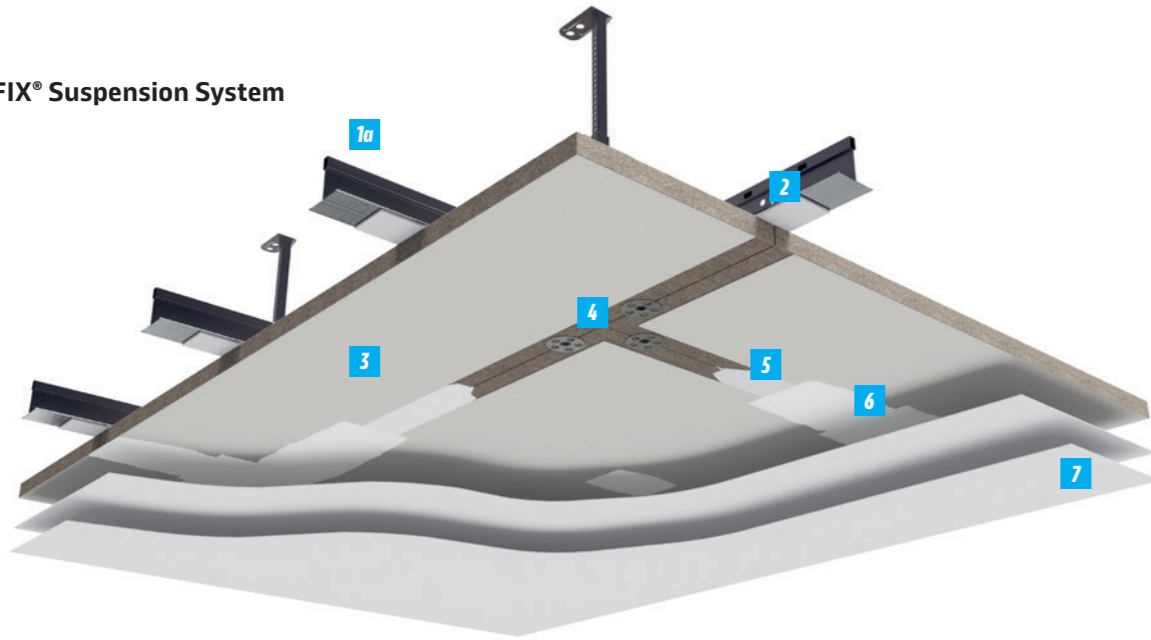
Quick and Easy Installation

The ELEGANZA panel is designed to work seamlessly with the proven RAPID'FIX® suspension system or Knauf CD-Profiles. Thanks to its fibre-reinforced joint filler, no additional joint tape is required. The large format of the panel (2400x1200mm) participates to minimising the number of joints needed and significantly reduces installation time and material costs. ELEGANZA uses standard drywall accessories, making the integration of fixtures and lighting simple and cost-effective.

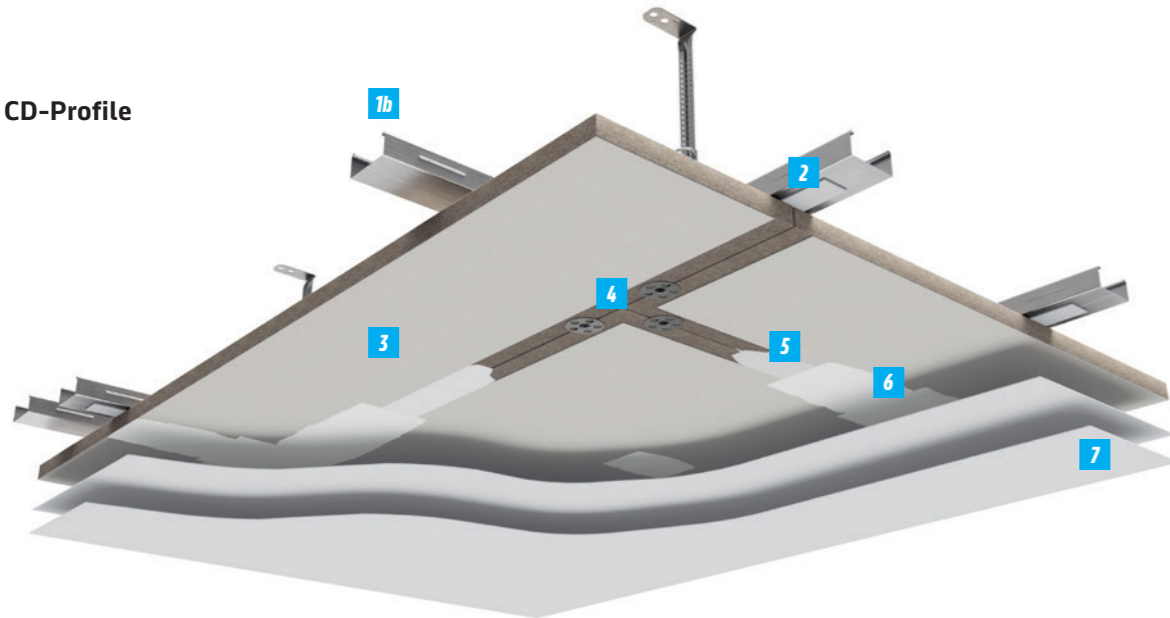


Complete Solution System Components

RAPID'FIX® Suspension System



Knauf CD-Profile



- | | |
|--|---|
| 1a RAPID'FIX® Suspension System | 4 Fixing Ring & Drywall Screws |
| 1b Knauf CD-Profile | 5 ELEGANZA Acoustic Joint Filler |
| 2 Airtight Tape | 6 ELEGANZA Acoustic Joint Finish |
| 3 ELEGANZA Panel | 7 ELEGANZA Silent Plaster |

Enhance *Durability* and *Airflow Regulation*

The proven RAPID'FIX® suspension system or Knauf CD-Profiles with airtight tape meticulously seals all joints and screw points. Each ceiling panel is equipped with an aluminium airtight back foil, significantly enhancing its airtightness. This careful construction results in a ceiling that remains free from pollutants and discolouration, ensuring extended

durability. For those seeking optimal air pressure management, a small air gap can be discreetly integrated as an option – whether within a slot in a cove, near glass panels, or along ventilation grilles. When combined with our airtight ceiling construction, this effectively prevents the filter effect, thereby regulating airflow and seamlessly alleviating pressure differences.

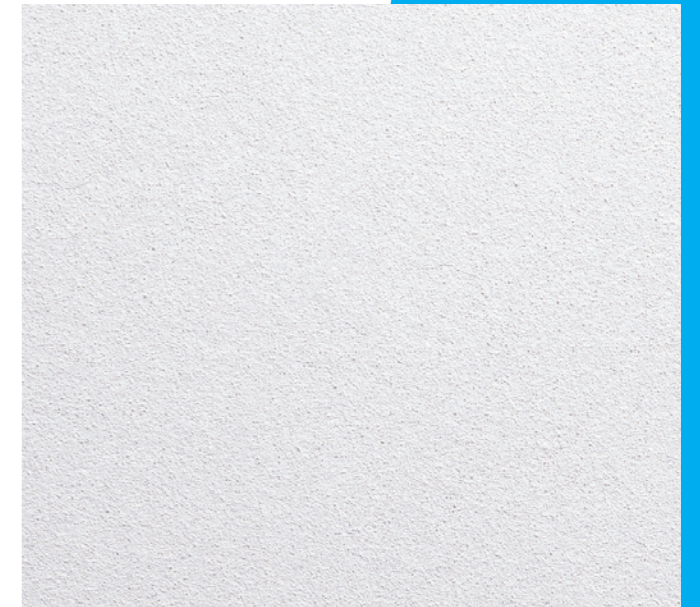




ELEGANZA

Seamless acoustic ceiling solution with Class A sound absorption

- Elegant, finely textured visual
- Excellent sound absorption ($0.95 \alpha_w$)
- Enhanced endurance against surface pollution due to sophisticated back foil technology



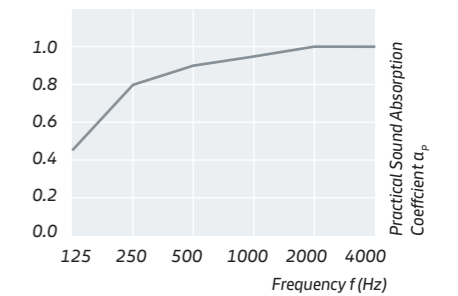
Key Product Features

Characteristics	Detailed information
Dimensions (mm)	2400 x 1200 (panel)
Thickness (mm)	25
Weight (kg/m ²)	Panel: 5.4 Finished ceiling ¹⁾ : 7.1
Colour	White (RAL colours available on request)
Fire reaction	Euroclass A2-s1, d0²⁾ (EN 13501-1)
Sound absorption (EN ISO 354)	$\alpha_w = 0.95$ (EN ISO 11654) - Class A NRC = 0.95 (ASTM C 423)
Sound attenuation (EN ISO 10848-2)	$D_{n,f,w} = 33$ dB (EN ISO 717-1) CAC = 33 dB (ASTM E 413-10)
Sound reduction (EN ISO 10140-2)	$R_w = 18$ dB (EN ISO 717-1)
Light reflectance	Up to 84% (white)
Humidity resistance	95% RH

¹⁾ Finished ceiling without substructure. This weight is indicative and may vary depending on the specifics of the installation, wastage, and application rates.

²⁾ Applies only to the panel.

Sound Absorption Values



Certificates and Standards



Installation Process



© Michael van Oosten

A fully defined ceiling layout plan forms the foundation of any first-class installation.



1 Set up substructure

Once the RAPID'FIX® or Knauf CD-Profiles substructure has been set up and levelled, the airtight tape must be applied to ensure airtightness. This applies to all components of the suspension system.



2 Ceiling panel installation

The ELEGANZA panel and fixing rings are then securely screwed to the substructure at suitable intervals.



3 Acoustic Joint Filler first layer

The initial layer of ELEGANZA Acoustic Joint Filler is applied to all joints and fixing points, ensuring they are flush with the surface of the panel.



4 Acoustic Joint Filler second layer

After the initial layer of joint filler has dried, a second layer should be uniformly reapplied to the same areas. This layer must overlap the previous one, ensuring every joint and fixing point is adequately filled.



5 Acoustic Joint Finish

The ceiling is primed to align with the ELEGANZA Silent Plaster using the third jointing layer, achieved with the ELEGANZA Acoustic Joint Finish. This levelling compound must be applied more broadly than the underlying layer.



6 Silent Plaster

Finally, ELEGANZA Silent Plaster is applied in two cross coats for a high-quality finish. The airless application process ensures the delivery of an exceptional surface coating.

INSPIRATION





*PLÜ Restaurant,
Grand Casino, Baden (CH)
© Atelier für Fotografie
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