



A
Novelty!

Now also DIN EN 13501-1 A1 composite boards

deko FireSafe®

NON-COMBUSTIBLE LAMINATE

Certified according to: DIN

EN 13501-1 / A2-s1-d0

Patent-No: 10 2014 116 984



Top-Innovator
2021



WELCOME

As a specialist for decorative laminates, **dekodur**® has always stayed true to its vision to provide its customers with surprising innovations – with a focus on curiosity, innovative strength and service orientation.

In the early days, **dekodur**® had set new standards with laminates made from melamine resin. Laminate panels with genuine metal surfaces followed at the beginning of the 1960s – a milestone in the history of laminates and a core competency implemented with the utmost precision. Everywhere in the world.

With **deko FireSafe**®, we have developed a patented, non-combustible type of laminate with the best possible fire resistance rating. When

used along with non-combustible carrier boards, **deko FireSafe**® turns into a composite system that offers certified safety.

With new surfaces and décors designed by artists, **dekodur**® has turned laminate from a finishing material to a decorative eye-catcher, with revolutionary effects on the interior design sector. Not only is it possible to implement aesthetically sophisticated room concepts with massive time and cost savings, but **dekodur**® offers different, certified all-in-one systems for any type of application.

Today, **dekodur**® is synonymous with design-oriented room concepts in consideration of fire protection and acoustic requirements.

Safety in Concert with Aesthetics

Provisions and Guidelines

Regulations on Places of Public Assembly – Ceilings
“Ceiling panels must be made of non-combustible materials. Cladding made of normally or hardly inflammable materials may be permitted when there are no concerns regarding fire protection.”

Construction Standards for Hospitals
“Wall and ceiling panels...in escape routes... in lift lounges... and in stairwells must be made of non-combustible materials ...”

Accommodation Establishments Regulations
“Claddings, suspended ceilings and insulating materials in necessary corridors must be made of non-combustible materials. Floorings must be made of hardly inflammable materials.”

Sales Premises Regulation

Construction Standards for Schools

The requirements placed on buildings and rooms are as versatile as their users. With the aim of providing protection, statutory requirements have to be fulfilled in all places where people gather, work and live. **deko FireSafe®** laminate panels certified according to DIN EN 13501-1 A2-s1-d0 offer this type of protection.

A patented, non-combustible composite laminate, **deko FireSafe®** fulfils all international fire protection requirements, whilst at the same time meeting the most exacting demands with regard to use, design and aesthetics. On a sustained basis.

deko FireSafe® certified

according to:

DIN EN 13501-1

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Versatile Flexible Efficient

deko FireSafe® is more than just a finishing material.

Using **deko FireSafe®**, you can create and implement any (interior) design concept. Beyond that, it is possible to merge maximum safety and appealing optics with undreamt-of possibilities.

deko FireSafe® is ideal for

Ceilings, walls | ram protection | ceiling sails

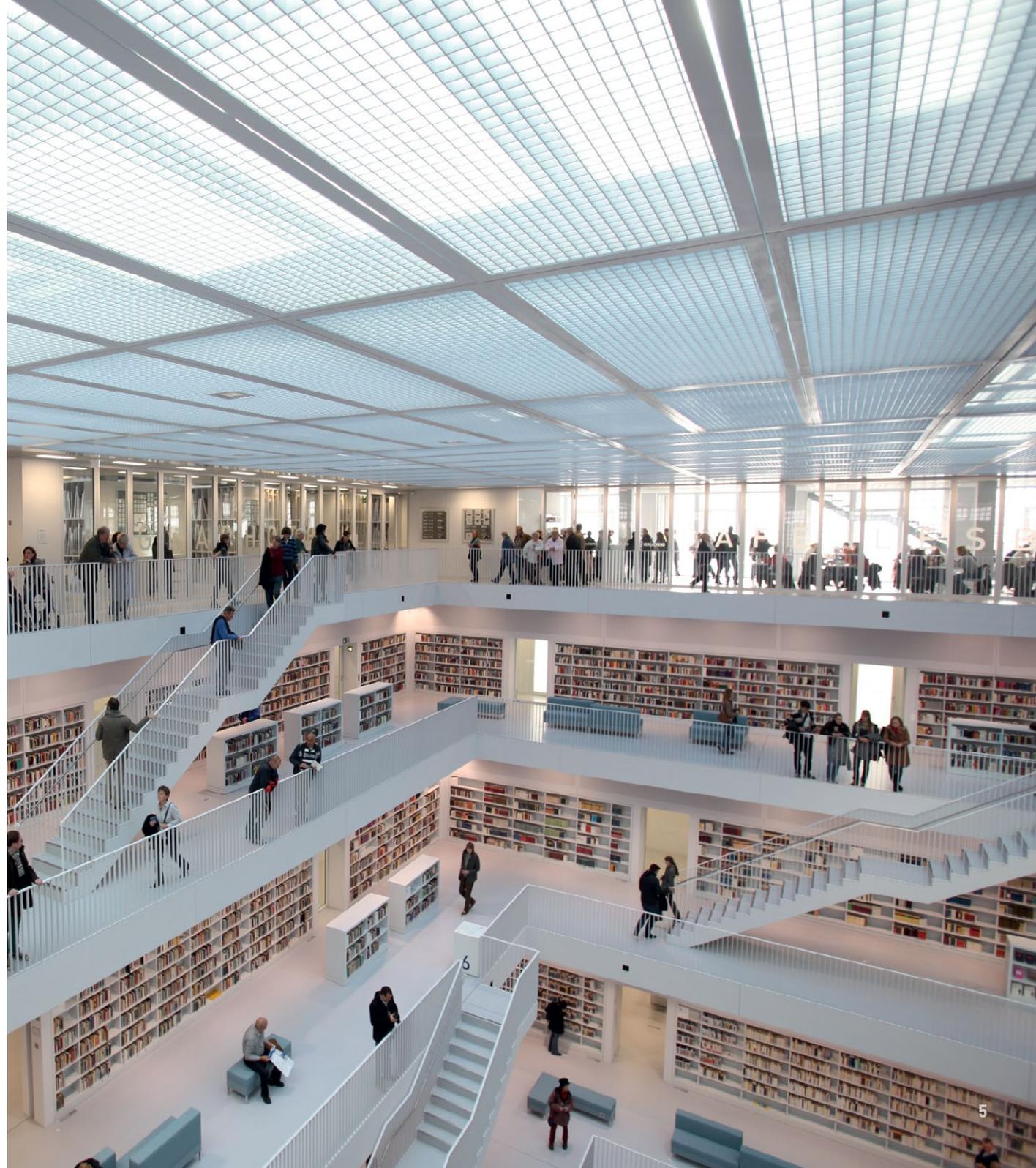
Administration and industrial buildings

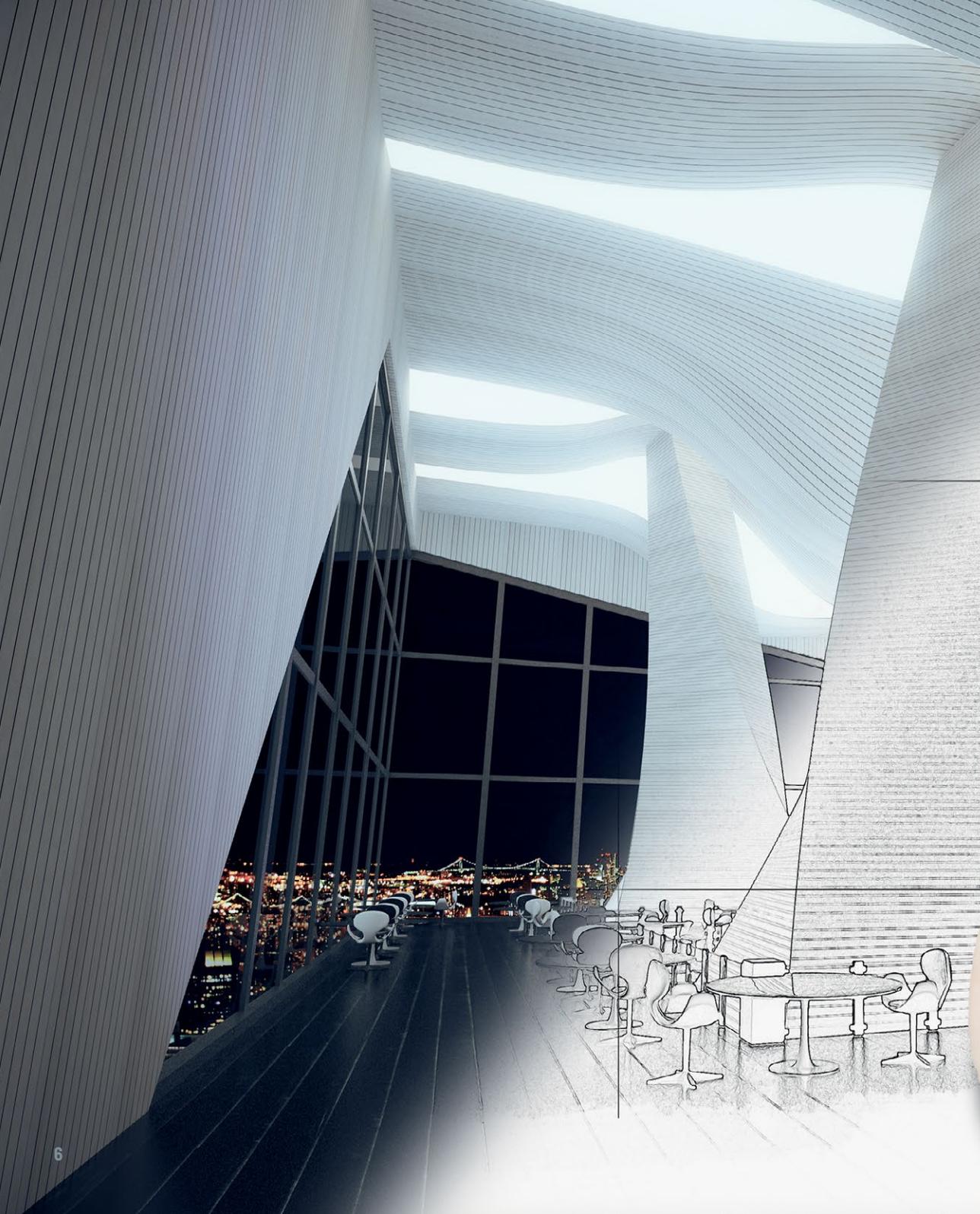
Museums | show rooms | shop fitting | cinemas | airports

Schools | universities | concert halls | churches | chapels

Hospitals | surgeries | hotels | gastronomy

Congress centres | event venues | ships





Classified

As regards both national and international requirements, **deko FireSafe®** laminate panels have been classified as Class A construction materials. **deko FireSafe®** is also offered as a composite material in combination with certified construction panels, thus allowing the implementation of complete solutions for maximum fire protection requirements.

deko FireSafe® Composite construction materials:
fire protection class A2 - s1 - d0

- Surface
- Joint patterns
- Edge design
- Perforation for acoustic purposes
- Substructure
- Assembly

DIN 4102

**A1, A2
non-combustible**

B1 hardly inflammable, B2 normally inflammable, B3 easily inflammable

DIN EN 13501

**A
non-combustible**

A,B,C,
hardly inflammable

D,E,
normally inflammable

F
easily inflammable

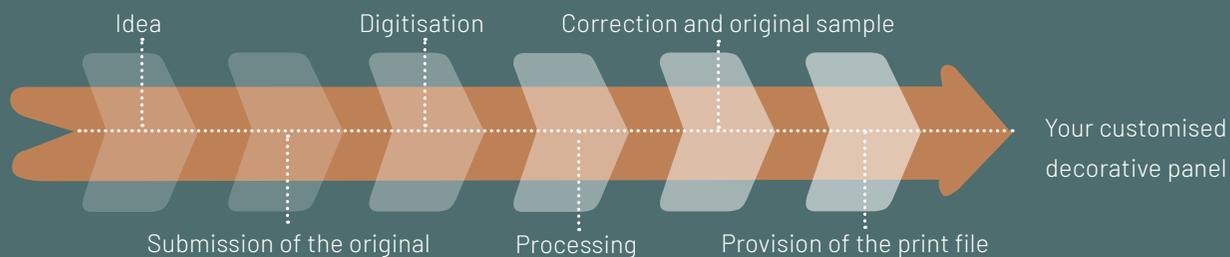
“Where aesthetics and functionality go hand in hand!”

A décor is created by the choice of colours and structures. When it comes to **deko FireSafe®**, it is possible to combine any colour with any structure. This results in maximum flexibility in the design of surfaces.

It goes without saying that we can also implement your very own design – featuring your own motif or a design created or selected by you.

Maximum individuality with certified fire protection.

The choice is up to you.



Deko FireSafe® received the 2016 “product of the year” award from pro-K. The award jury’s decision: „Perfect combination of fire safety requirements and design.“

Versatile Robust Easy-care

Deko FireSafe® is ideal for highly exposed decorative surfaces. However, it is equally suitable for cladding escape and rescue routes, staircases, inspection chambers, switch cabinets, public institutions or large places of assembly. It can be installed both vertically and horizontally (e.g. as ceiling cladding).

Not only are **deko FireSafe®** laminate panels extremely robust (scratch-proof, impact-resistant) and hard-wearing, but they fulfil the highest hygienic standards.

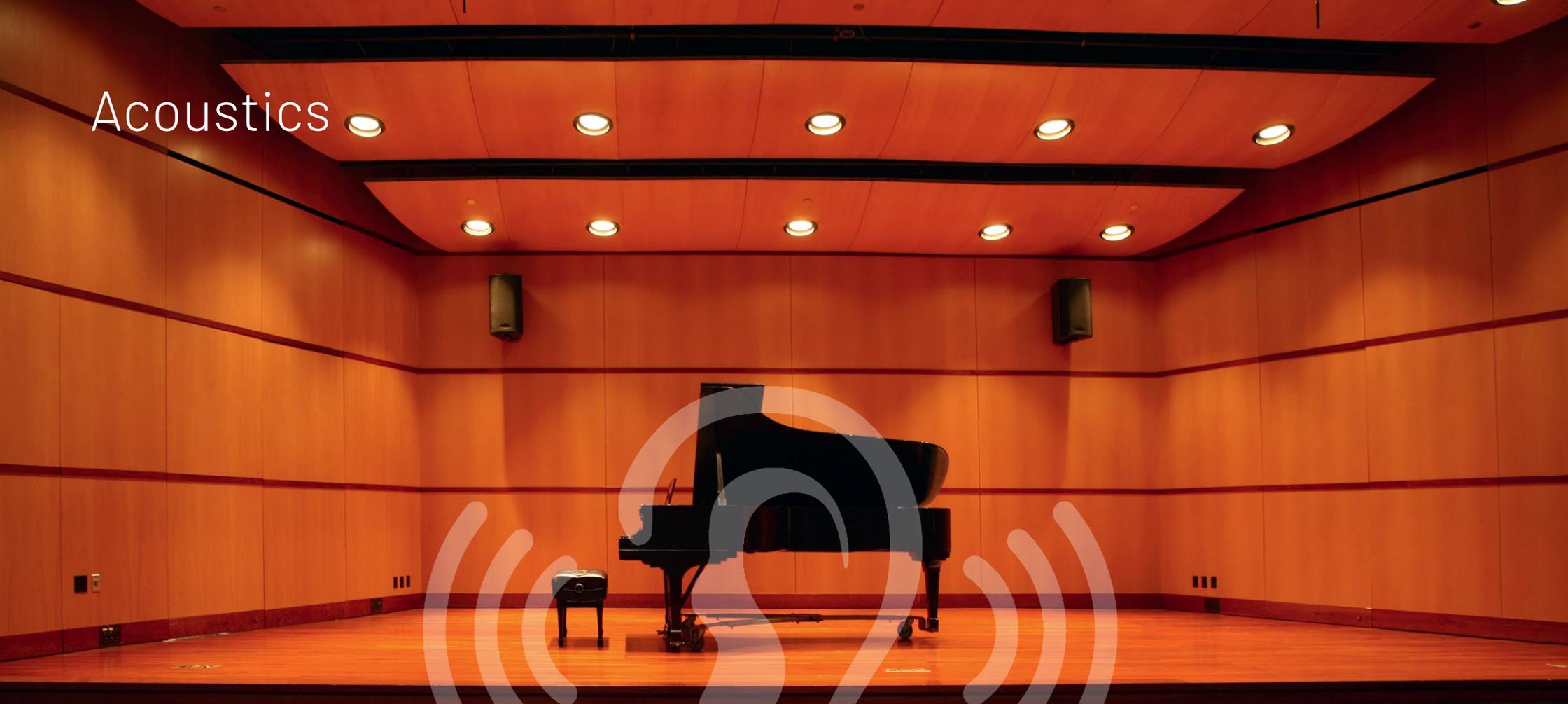
All **deko FireSafe®** panels can be manufactured and delivered in the following dimensions, both as laminate and composite material:

2440 x 1220 mm and

3050 x 1220 mm



Acoustics



deko FireSafe® Akustik offers noise control at the highest aesthetic level: tested systems and products which meet all the requirements placed on the acoustics (according to sound absorption classes) and climate in rooms. In any desired design. **This is unique.**

- Nano-perforation
- Slots
- Round perforation
- Customised patterns (CNC programme)
- Conformities upon request (VOC regulations, AgBB, EMICODE, Blue Angel, BREEAM, LEED)

For ideal room acoustics.

Uniquely versatile



Available in 157 decorative and structured surfaces

- 114 of which are Dekoplus Unicolor boards
- 40 Dekonova fantasy and wooden décorse
- 3 metal décors with a total of 39 structures and embossing types

- Made on the basis of gypsum fibreboards (fibreglass)
- Free from formaldehyde
- Made mostly from recycled materials
- Profiles with an acoustic effect
- For healthy indoor air quality
- Available with individually classified carrier boards

“Avoids expensive detours!”

deko FireSafe® laminate panels are used by customers from all over the world.

“deko FireSafe® has proven to save up to 30% time and costs.”

“...supports the adherence to schedules on the dry construction market.”

“...an effective fire protection system which is convincing in every respect.”

“Finally, safety and aesthetics are no longer mutually exclusive, and areas subject to fire safety regulations are given a new and attractive look!”

deko FireSafe®

NON-COMBUSTIBLE COMPOSITE LAMINATE



deko FireSafe® laminate panels offer time and cost-saving solutions.

When it comes to the (re)design of rooms, deko FireSafe® systems are able, under certain conditions, to replace various dry construction works. The advantage: Lengthy drying times and the often critical loss of time between different works become a thing of the past.

Dekodur is your one-stop solution provider when it comes to fire protection concepts fully tailored to your facility or building project. Benefit from our team's expertise and longstanding experience.



dekodur®

We are looking forward to hearing from you!

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