



# INTERIOR INDUSTRY-NEWS



Paint runs through our veins.

CALANDER COATING INERT

BLUEFIN PURE-CONCRETE

BLUEFIN PURE-WOOD

PIGMOLUX HQ

LEGNO-PARKETTÖL

AQUA-PURE-METAL

BLUEFIN SMART

EXCIMER

INNOLUX WALZGRUND COLOR

DIGITAL EMBOSSING

INNOLUX WALZDECKLACK

DIGITAL PRINTING

INNOLUX VITA-OIL

BLUEFIN PIGMOSOFT

AQUA-WALZGRUND COLOR

BLUEFIN MULTILUX SOFTMATT

## INTERIOR INDUSTRY-NEWS

# #FITFORFUTURE

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From low-emission industrial systems to future-oriented technologies such as excimer and digital embossing as innovation drivers, ADLER is always one step ahead. In addition to first-class specialist knowledge, we rely on individual support and advice with regard to tailor-made coating solutions. We are also happy to support you in optimising your plant – with our in-house application technique, problem-free processes are guaranteed.

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INTERIOR INDUSTRY-NEWS  
**LOW-EMISSION  
INDUSTRIAL SYSTEMS**

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With its focus on low-emission industrial systems, ADLER is setting an example for sustainable management. The wide range of products extends from natural-looking surfaces, smart water-based paints and efficiency miracles to stylish concrete or metal surfaces.





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## NATURAL QUALITY

### BLUEFIN PURE-WOOD

The invisible protection.

Bluefin Pure-Wood combines the best properties of oils and paints. The water-dilutable paint oil preserves the authentic look and feel of the wood and guarantees high-quality surface protection. Renewable raw materials preserve the natural beauty of the wood and provide an ecological living environment. Bluefin Pure-Wood is straightforward and efficient to use, especially on porous hardwoods such as oak and nut. Bluefin Pure-Wood can easily be used with other paint systems in the same painting facility.



water-based paint oil



sprayable



1C/2C paint oil



very natural  
look and feel



highest efficiency

#### resistance to chemical attack

ÖNORM 1605-12: 1-B und DIN 68861: 1 B



#### scratch resistance





Rieder Fenster / Andreas Langreiter



Proyer & Proyer Architekten / Martin Steinkellner

## INNOLUX VITA-OIL

**Durable protection on the basis of natural oil.**

Innolux Vita-Oil is a UV-curing oil on the basis of renewable raw materials. The coating has all the advantages of a natural oil surface: it maintains the natural wood character, provides a strong grain accentuation and exceptional pore wetting. However, unlike regular oils, Innolux Vita-Oil has exceptional chemical and mechanical resistance. Innolux Vita-Oil has been developed for industrial roller application and is very well suited for use in industrial serial coating of plywood parquet elements or for the open-cell lacquering of surfaces in furniture and interior design.



**reactive oil primer**



**UV-curing oil**



**rollable**



**very good stackability/  
particularly scratch-resistant**



**very easy-care**

### resistance to chemical attack

ÖNORM A 1605-12: 1-B and DIN 68861: 1 B



### scratch resistance





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## NATURAL QUALITY

## LEGNO-PARKETTÖL

Naturally feel-good with high-quality protection.

This dull matt oil is quick drying and is perfectly suitable for use in the parquet industry. It has good chemical and mechanical resistance. Legno-Parkettöl is resistant to rubber abrasion and is characterised by extremely good water resistance. In addition to a very good filling power, this oil provides a pleasant feel.



**oxidatively-drying oil**



**rollable**



**extremely water-resistant**



**natural look and feel**



**quick drying**

**resistance to chemical attack**



**scratch resistance**









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## SMART WATER-BASED PAINTS

### BLUEFIN PIGMOFOFT

The velvety self-healer.

With Bluefin Pigmosoft, ADLER provides the solution for troublesome glossiness, scratches or similar surface stresses. Despite its dull matt and velvety surface, Bluefin Pigmosoft impresses with excellent scratch and ring indentation resistance. By contrast with other matt paints, Bluefin Pigmosoft is characterised by an innovative self-regeneration which protects the surface from glossiness and regenerates automatically in case of scratches. With this groundbreaking product you can say goodbye to daily signs of wear.

#### resistance to chemical attack

ÖNORN A 1605-12: 1-B1 und DIN 68861: 1 B



#### scratch resistance



water-based pigment paint



sprayable



2C paint



innovative  
self-regeneration



anti-fingerprint feature



soft touch



cleaning and regeneration with  
ADLER Clean-Möbelreiniger



## BLUEFIN MULTILUX SOFTMATT

High scratch resistance despite velvety handle.

Bluefin Multilux Softmatt provides a velvety handle despite its soft-touch surface. The coating provides a dull matt appearance and maintains the natural character of wood – the surface looks as if it hasn't been treated. Thanks to the special anti-fingerprint feature, the lacquered surface is also protected against fingerprints. Given its excellent stackability and fast curing, Bluefin Multilux Softmatt is very well suited for industrial production.

### resistance to chemical attack

ÖNORM A 1605-12: 1-B1 and DIN 68861: 1 B



### scratch resistance



water-based clear coat



UV-curing clear coat



sprayable



2C paint



anti-fingerprint feature



soft touch



very good stackability/  
particularly scratch-resistant





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## SMART WATER-BASED PAINTS

### BLUEFIN SMART

The unique one.

The new Bluefin Smart paves the way for a completely new surface treatment – the surface is finished with just one spray application and subsequent smoothing. In addition to its efficient application, this clear coat with its dull matt appearance and velvety feel conjures up natural-looking furniture in no time at all. The furniture surfaces appear natural and yet have the surface protection required for daily use. With a VOC content of less than 3%, Bluefin Smart is extremely low-emission

#### resistance to chemical attack

ÖNORN A 1605-12: 1-B1 und DIN 68861: 1 B



#### scratch resistance



water-based clear coat



sprayable



2C paint



highest efficiency/  
one coat



anti-fingerprint feature



soft touch



natural look and feel



## PIGMENTED ROLLER STRUCTURE

Painting differently.

ADLER Innolux Walzgrund Color is a pigmented 100% UV system which is optimised for the roller painting process. The product offers the highest opacity for brilliant, bright white and is emission- and solvent-free. From glossy to matt, with or without structure – the surface character resembles a sprayed surface. Aqua-Walzgrund Color is suitable for particularly bright, brilliant colour shades. The water-thinnable pigmented roller primer promises maximum opacity, efficient paint coating cycles and maximum colour shade diversity. The Innolux Walzdecklack provides the desired flexibility and individuality – it is particularly resistant and impresses with maximum chemical as well as mechanical resistance.



100% UV-curing pigment paint



rollable



highest efficiency

### resistance to chemical attack

ÖNORN A 1605-12: 1-B1 und DIN 68861: 1 B



### scratch resistance



For more detailed information regarding processing, please refer to the technical data sheet for Innolux Walzgrund Color.



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## SPEED & EFFICIENCY

### PIGMOLUX HQ

Efficiency redefined.

Good opacity and perfect edge covering with a wide range of colours are a matter of course with this type of paint. Its particular strengths: The rapid cross-linking and excellent stackability of this paint shorten further processing times, while its extreme durability reduces transport and material damage. ADLER Pigmolux HQ offers improved protection against impurities due to its significantly increased resistance to chemical attack. Thanks to its high reactivity and the resulting lower UV radiation output, Pigmolux HQ is extremely energy-efficient.



water-based pigment paint



UV-curing pigment paint



sprayable



2C paint



shortened further processing time



very good stackability/  
particularly scratch-resistant

#### resistance to chemical attack

ÖNORN A 1605-12: 1-B1 und DIN 68861: 1 B



#### scratch resistance










NO MATTER WHAT NEEDS TO BE COATED,  
**ADLER ALWAYS HAS THE  
RIGHT SOLUTION READY.**

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We offer individual and efficient concepts for all industrial sectors  
and are, therefore, the ideal partner when it comes to surface design.





## BLUEFIN PURE-CONCRETE

Ready for elegance?

Everybody wants to make their home special – surfaces with style and that certain something are in demand. This is ensured by the new Bluefin Pure-Concrete: The sprayable concrete with its characteristic reinforced concrete appearance conveys a rough elegance, which is also reflected in its colour designations: Iron Elephant, Grey Reef Shark, Black Panther, White Wolf, Snow Leopard and Brown Falcon mean that every piece of furniture is unique!

Using state-of-the-art fibre technology a particularly tough elastic surface is produced, making the concrete surface suitable for a wide range of applications.



**water-based concrete**



**sprayable**



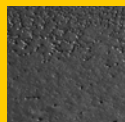
**elegant concrete surface with reinforced concrete appearance**



Iron Elephant



Brown Falcon



Black Panther



White Wolf



Reef Shark



Snow Leopard

For more detailed information regarding processing, please refer to the technical data sheet for Bluefin Pure-Concrete.





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## STYLISH SURFACES

### AQUA-PURE-METAL

Ready for enchanting surfaces?

With the liquid real metal coating with 90% metal content, you can create surfaces that have a strong metal character both in terms of look and feel. Whether in brass, copper, bronze, tin or iron – every piece of furniture becomes an eye-catcher. The metal coatings can be applied by spraying. Particularly vivid effects are created by working the surface with a brush, sponge or spatula. Two oxidation solutions are available for a raw rust effect or a striking patina look – Aquafix Oxid conjures a classic rust red surface overnight, Aquafix Blue-Patina makes the metal surface shine in greenish-blue, e.g. with copper, and in this way creates a so-called "ageing effect".



water-based  
real metal coating



sprayable



3C paint



real metal surfaces in iron,  
copper, brass, bronze or tin



magnetic effect when  
using Aquafix Ferro

#### Real metal PUR



Iron Copper Brass Bronze Tin

#### Real metal OXIDIERT

##### Aquafix Oxid    Aquafix Blue-Patina



Iron Copper Brass Bronze Tin

For more detailed information regarding processing, please refer to the technical data sheet for Aqua-Pure-Metal.



# INTERIOR INDUSTRY-NEWS

# TECHNOLOGIES

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In addition to the ongoing development of high-quality products, ADLER is also intensively involved in the latest industrial application techniques and their further development. The latest techniques are presented here – learn more about visionary technologies such as excimer, digital printing, digital embossing and Calander Coating Inert.

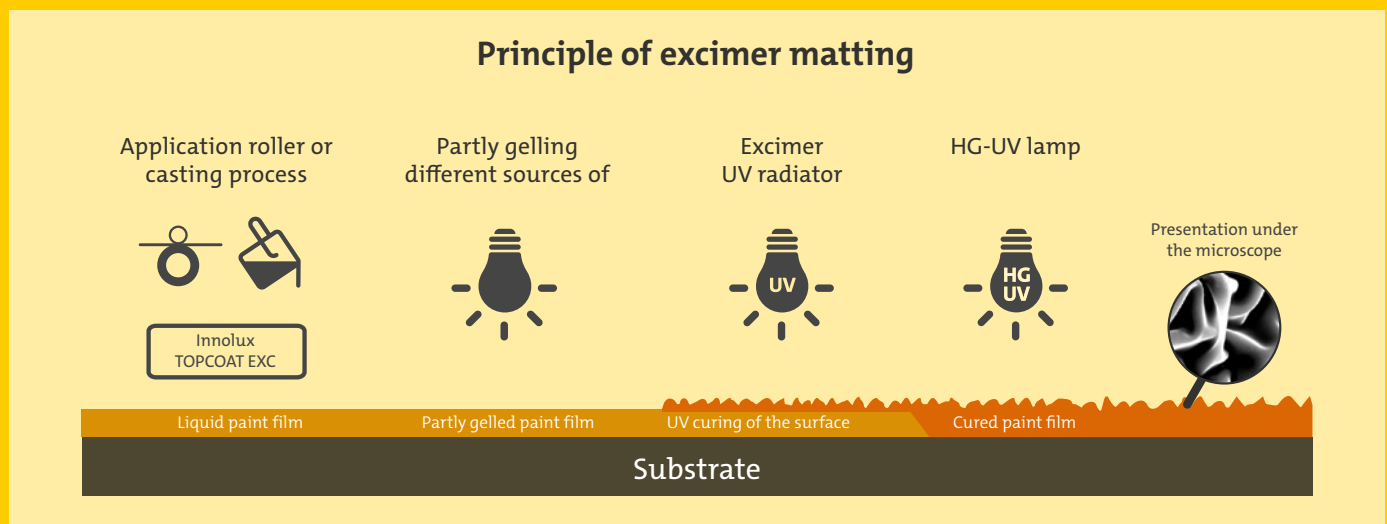








## VISIONARY EXCIMER TECHNOLOGY for even more scratch-resistant matt surfaces.



An interesting alternative to the classical matting processes is physical matting with so-called excimer UV rays. In this innovative method, the liquid UV-curing excimer coating "Innolux Topcoat EXC" applied in the rolling process is irradiated with short-wave UV light (172 nm) in the absence of oxygen. This leads to superficial polymerisation, which causes volume shrinkage, which in turn manifests itself in surface folds of varying degrees. This deformed "skin" leads to a diffuse reflection of light, which we perceive as a matt effect. For complete curing of the coating layer, it is irradiated immediately afterwards with a UV dryer.

### Advantages of ADLER coatings in the excimer process:

- Dull matt gloss levels without matting agent (gloss levels from 3 to 20)
- Extremely scratch and abrasion resistant coated surfaces
- Increased surface hardness
- Outstanding chemical resistance
- Soft touch effect
- Anti-fingerprint effect
- Perfect reproducibility
- Pleasant feel
- No solvents





## TECHNOLOGIES

### SOPHISTICATED DESIGN BY MEANS OF DIGITAL PRINTING. More creative freedom.

Digital printing is becoming increasingly popular in diverse areas of application, as it makes a decisive contribution to the individualisation of products – whether it's kitchen fronts, furniture or laminate flooring. The digital printing process is also being used more and more frequently outdoors, e.g. for windows, front doors or garden furniture. ADLER was involved in the technology at an early stage and offers an optimal system solution for digital printing, on the one hand as an adhesion promoter and on the other hand for surface upgrading.

#### In digital printing, primers and coatings must meet special requirements:

- ADLER primers (e.g. Innolux Haftpromotor) prepare the substrate so that the ink can bond optimally with the surface. They also increase dot-sharp colour reproduction and prevent ink absorption.
- The ADLER top coat (e.g. Innolux Decklack) protects the surface from chemical and mechanical stress. The ADLER coating system is characterised by very good compatibility with the printing ink.

#### Advantages of ADLER coating systems in the digital printing process:

- Perfect mechanical resistance thanks to ADLER TOPCOATS
- Flexible gloss levels and surface structures
- Efficient production – even for short print runs
- Personalisation can be easily implemented
- Adhesion to various materials such as wood, glass, melamine

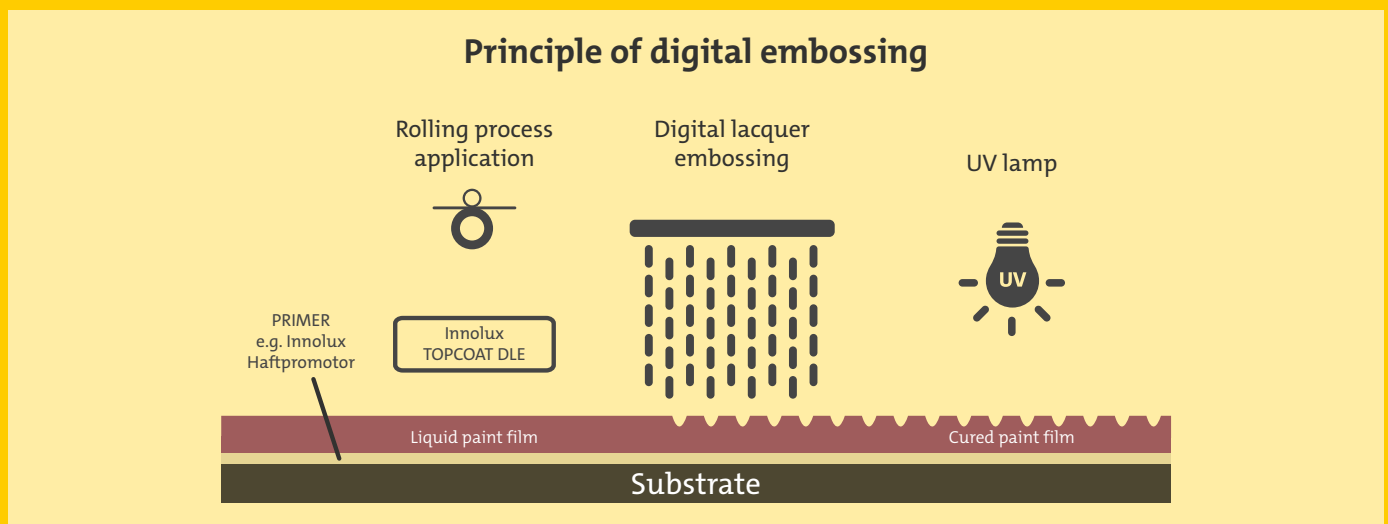
Digital printing technology with its infinite versatility will revolutionise the flooring and furniture industry. Joiners, glaziers and kitchen builders have discovered the use of personalised decor and furniture fronts. Designers and interior designers appreciate the new possibilities of living space design.

On top of that, there are almost no limits when it comes to substrate selection. Whether melamine resin boards, plastics, wood and wood-based materials or glass, ADLER adhesive primers create the optimum bond for every substrate.



## DIGITAL EMBOSSING

Look and feel in one.



Digital embossing, a novel digital printing process, enables the structuring of surfaces. This means that the feel of the surface now also corresponds to the optical design. Digital embossing in conjunction with the specially developed Innolux TOPCOAT DLE from ADLER gives your furniture surfaces a tangible difference.

We at ADLER are the perfect partner together with the plant manufacturers to take the first step towards digitisation. In digital embossing, a transparent medium is printed in a layer of uncured UV paint (Innolux TOPCOAT DLE). The resulting physical and chemical reactions produce a deep structure.

### Advantages of ADLER coatings in the digital embossing process:

- 3D effects: structuring and lifelike haptic effects (wood grain, wood pores etc.)
- Individual structural designs in batch size 1
- Surface properties such as hardness, adhesion, scratch resistance and chemical resistance are retained



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## TECHNOLOGIES

### CALANDER COATING INERT FOR THE BOARD INDUSTRY Perfection at the highest level.

The Calender Coating Inert technology (CCI) can produce high-quality surface coatings combined with visual and haptic perfection.

In this industrial coating process for the board industry, UV coatings (Innolux TOPCOAT Inert) are applied using the rolling process. Subsequently, a film or tape smooths the still liquid paint surface. Curing takes place through the film by means of UV radiation in direct surface contact. In this way, completely oxygen-free (inert) conditions are created that significantly influence the quality of the curing process.

Boards of different carrier types (MDF, HDF, raw chip-board, veneer, paper, melamine resin, etc.) can be coated at significantly lower process costs. For instance, high-gloss surfaces can be achieved with much less effort than with conventional coating, since grinding effort, drying times and paint consumption can be significantly reduced.

The surfaces upgraded with inert technology are characterised by high scratch resistance and durability and are therefore particularly suitable for the special requirements of board manufacturers.

#### Advantages of ADLER coating systems in Calander Coating:

- Perfect surface in high gloss and dull matt
- Extremely smooth surfaces due to high paint application
- Significant reduction in grinding effort
- High durability and scratch resistance
- CCI is used in particular by board manufacturers who produce coated (decor) boards for kitchen and furniture fronts



**Paint runs through our veins.**

Over 80 years ago, Johann Berghofer laid the foundation stone for ADLER and work was started to develop its own paints.

Much has changed since that time, but one thing has stayed the same: our passion for colour, which drives us day after day to work on the perfect surface coating.

**Paint runs through our veins.**

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