



Specialised
coating solutions
for interior joinery

We make
wood
last longer

 **TEKNOS**



We make **wood** last longer

At Teknos, we look at the challenge from your perspective and work closely with you to create the coating solution that best fits your needs. We believe this collaborative process gives you the greatest possible value and ensures your interior joinery products get the aesthetic look and level of durability you desire.

There are 4 layers to the right coating solution

Products



Get the paints and coatings that are best for your interior joinery substrates and application techniques. We have waterborne and UV coatings that can be used with traditional and contemporary designs, and there is a nearly limitless choice of colours available.

Technical Service



Our expertise and experience is always at your disposal, whether it's for day-to-day operations or that special one-off project. Technical Service can help with the scoping, testing and implementation of your coating solutions and help to ensure you are compliant with the latest legislation.

Local presence

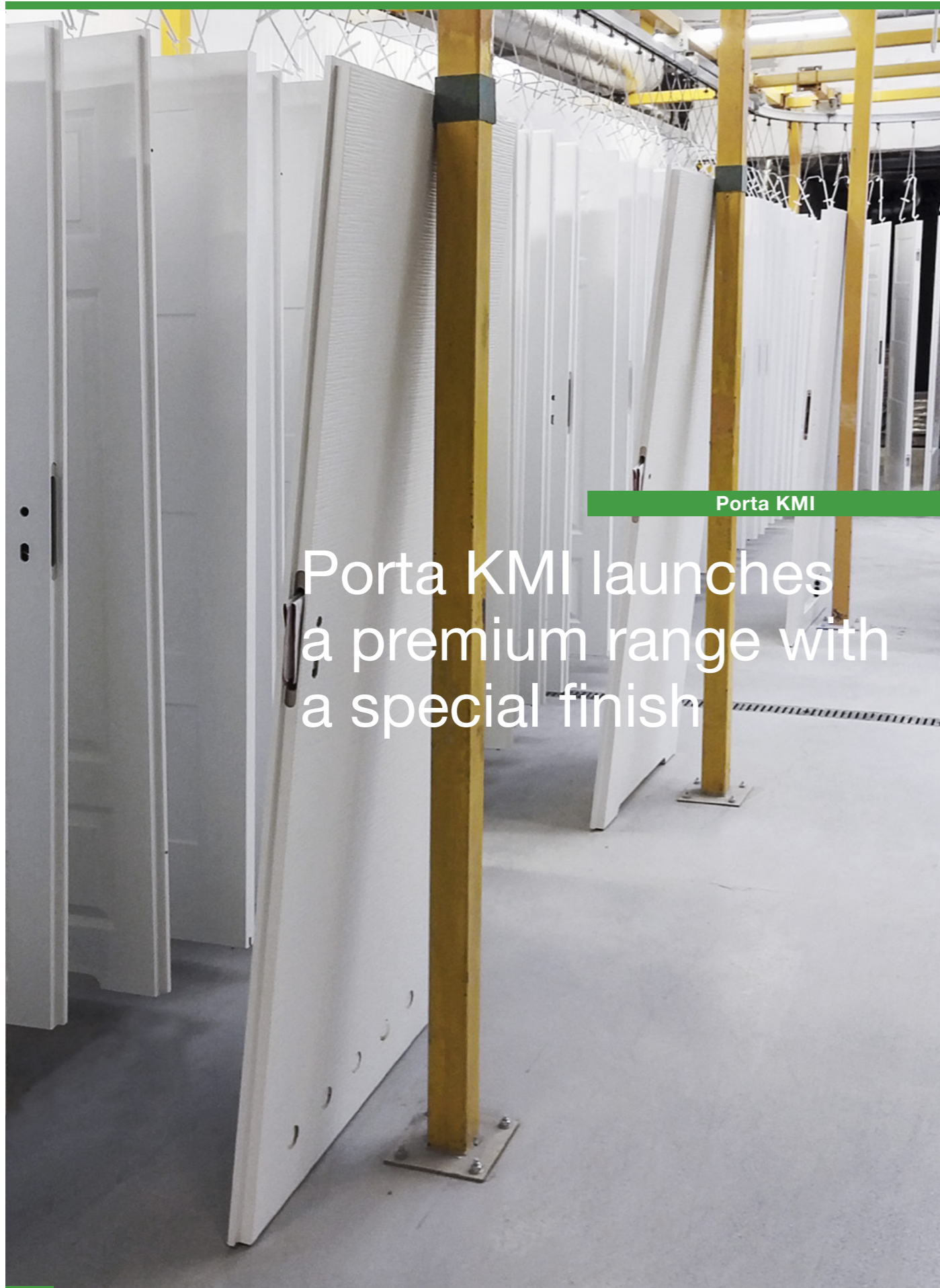


We're there, where and when you need us. Our technical competence centers are placed in Denmark and Sweden. We have sales and technical support in 18 countries. We have production facilities in eight of these: Finland, Sweden, Denmark, Germany, Netherlands, Poland, Russia and China.

Commitment



We are committed to developing, manufacturing and delivering paint products and services in a responsible way that respects the environment and the communities we work within.



Porta KMI

Porta KMI launches
a premium range with
a special finish



We make doors last longer

The task

When Porta KMI were developing a new premium line in 2014, it became apparent that the new doors would require an even higher standard of finish. In order to ensure the production process was smooth and productivity levels would be high, it was imperative that the doors were also fast drying and stackable.

Porta KMI profile

- Founded in 1992
- 1,800 employees
- Six production facilities
- 95,000 door panels and 85,000 door frames per month
- Active in 36 countries



“We made multiple changes during testing and Teknos were always flexible and quick to respond.”

Zdzisław Kwidziński, Head of Research and Development at Porta KMI



The solution

Porta KMI were impressed by the high surface quality of Teknos coatings and their outstanding ability to smooth out unevenness and provide good filling coverage on HDF and MDF fibre substrates. They were also impressed by the high standard and flexibility of Teknos service.

“The delivery times are short and the product quality is consistent. Teknos is also highly flexible. For example, when we need special colours in small quantities, they support us with fast delivery.”

The process

Teknos technical support worked closely with Porta KMI to identify the right solutions and establish a testing program at the factory in Bolszewo. The tests were supported by Teknos Poland and

Teknos specialists from our central technical service backup team. Carefully selected products from the **TEKNOCOAT AQUA** product range were tested in spray and curtain coating applications.

We make doors last longer

Product choices

- For manual spraying
 TEKNOCOAT AQUA PRIMER 1875
TEKNOCOAT AQUA 2577
- For coatings in RAL or NCS shades made to customer specifications
 TEKNOCOAT AQUA 2575 tinted by Teknos and delivered using the just-in-time system.
- For fast curtain coating process WB
 TEKNOCOAT AQUA PRIMER 1866
TEKNOCOAT AQUA 2577



RBI Interiør

The smart choice for RBI Interiør's evolving range of Smartpanels

The task

RBI Interiør need tough and long-lasting coatings that can consistently protect the beauty and quality of their Smartpanel systems and fit their commitment to sustainable production. Smartpanels are an easy and time efficient way to create aesthetic and

functional interiors. They are based on MDF and are fully prefabricated and painted at the factory. The panels come in a wide range of styles and sizes, are manufactured with V-grooves and attach easily to walls and wood structures.

RBI Interiør profile

Norway's leading provider of hard flooring, wall and ceiling panelling

- Founded in 1997
- Production capacity of 10 million m² of MDF plates a year
- Annual sales €55 million
- 350+ wall and ceiling panel products

The process

The Smartpanel developers involve Teknos technical support in the early stages of product development. Teknos also collaborates closely with RBI Interiør in the development and implementation of its colour collections.

The solution

For in-line production a waterborne topcoat and primer were used. In order to ensure the surface was strong, long-lasting and could quickly seal the product before automatic packaging, a UV solution was selected.

We make **panels** last longer

“We are an innovation-driven company, so our suppliers need to be flexible, open to new ideas and capable of contributing the latest technical know-how in support of our development”

Remi Bergstrøm,
Managing Director at RBI Interiør

Product choices

- | | |
|----------------------|---------------------|
| — Waterborne primer | AQUAFILLER 1151 |
| — Waterborne topcoat | TEKNOCOAT AQUA 2577 |
| — UV topcoat | UVILUX 6450 |

An outstanding performance at AccorHotels Arena in Paris



We make **fire protection** look good

The task

Fire protect 75,000 metres of beautiful oak panelling without compromising its beauty – and do it all within an extremely tight schedule!

AccorHotels Arena profile

- International sports and concert venue
- 21,000 seat capacity
- Formerly known as Palais Omnisports de Paris-Bercy
- €96 million renovation in 2014/2015 by Bouygues Construction

The process

Teknos worked closely with Bouygues Construction to determine the right solution and also ensured it was compliant with the M1 fire protection class, the French equivalent of Euroclass B (B-s1,d0). As the fire protection was one of the final jobs before the opening of the AccorHotels Arena, delivery and application had to be timed very carefully.

“What we needed was a colourless, fire-retardant coating which does not detract from the natural appearance of the oak, a coating which can be applied on the boards installed and which fulfils the required M1 fire protection class.”

Denis Vallet,
Project Director at Bouygues Construction

The solution

Teknos assisted so 1,200 litres of TEKNOSAFE 2467 Colourless could be delivered overnight to contractors for application.

The final boards were painted just a few hours before the ceremonial opening by Parisian mayor Anne Hidalgo.

Product choices

Fire protection	TEKNOSAFE 2467
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Eesti Hõõvelliist

Covering 2500 km quickly and beautifully

We make **mouldings** last longer

The task

Eesti Hõõvelliist has a large-scale production with an output of more than 2500 km of mouldings a month. The company needs a coating partner that can supply a very wide range of high-quality coating solutions and that can meet constantly changing needs.

Eesti Hõõvelliist profile

- Founded in 1993
- Based in Suure-Jaani, Estonia
- 90% of production is exported
- 185 employees
- Annual sales €25 million

The process

Teknos have worked closely with Eesti Hõõvelliist for over seven years and supply solutions for a wide variety of products. Technical Service plays a pivotal role.

“The application engineers almost always give us an immediate answer. And when not, they find the right solution within a very short time. It’s exactly the support that we need for our high volume production.”

Andrus Rooks,
Managing Director at Eesti Hõõvelliist

The solution

Production speed was of the utmost importance, so for solid wood mouldings production the solution included a rapid drying water-based UV paint.

For the MDF line a fast-drying waterborne solution provides excellent blocking properties and can be used for both spray and curtain coating.

“Less than two minutes after UV drying, we film-package the mouldings on palettes. The time between the UV oven and packaging is used for final quality control. Teknos paint is crucial for these high speeds.”

The vast majority of solid wood and MDF mouldings are painted in white NCS S 0502-Y but when necessary Teknos supports with special NCS or RAL shades.

Product choices

- | | |
|----------------------------|--|
| — For solid wood mouldings | TEKNOCOAT PRIMER 1604
TEKNOLUX AQUA 1728 |
| — For MDF mouldings | TEKNOCOAT AQUAPRIMER 1866
TEKNOCOAT AQUA 2571 |

	Mould-ings	Interior doors	Boards & Panels	Product proposition highlights	Gloss range	Tinting	Spraying	Roller	Curtain	Vacuum
PRIMERS, OPAQUE										
AQUAFILLER 1100				Fast drying white filler with good filling and sanding properties.	n.a.	no				
AQUAFILLER 1151				Fast drying white filler preparing the surface for the high speed production lines	n.a.	no				
TEKNOCOAT AQUA 1875				Filler with excellent edge covering properties and optimised for visual appearance by minimising grain raise. The filler dries fast and offers good sanding properties	n.a.	Factory tinted				
TEKNOCOAT AQUA PRIMER 1867				Interior white knot sealer for pine wood. Efficiency documented by NTI, shows excellent sealing efficiency compared to market standard	n.a.	no				
TEKNOCOAT AQUA PRIMER 1868				Interior white anti stain sealer. Highly efficient, offers excellent edge sealing properties and fast drying	n.a.	no				

STAINS										
TEKNOSTAIN 1993				Cost efficient waterborne stain tintable using TEKNOCOLOR	no	yes				
TEKNOSTAIN 1996				Waterborne stain for on-site tinting	no	no				

TOPCOAT, CLEAR										
TEKNOCLEAR AQUA 1331				All round product for high pressure vertical and horizontal spraying	10-50	no				
TEKNOCLEAR AQUA 1334				High initial hardness, good stacking and early mar resistance, with excellent flow at low film thickness	10-60	no				
TEKNOCLEAR AQUA 1338				Best transparency (3 layers fully transparent), with excellent flow at low film thickness	10-60	no				

TOPCOAT, OPAQUE										
TEKNOCOAT AQUA 2550				Standard colours, group "M1" in Emission Classification, cost efficient	10-35	no				
TEKNOCOAT AQUA 2575				Fast drying, appropriate for high speed production lines, good blocking properties	10-35	yes				
TEKNOCOAT AQUA 2577				Fast drying, appropriate for high speed production lines, good blocking properties and anti-burnish effect	25	yes				
TEKNOCOAT AQUA 2580				Creates hard surface, excellent filling and blocking properties, appropriate for high speed production lines	25	yes				
TEKNOCOAT AQUA 2585				Topcoat with excellent chemical resistance (ethanol & coffee) and anti-burnish effect	35	no				

ACID										
Primers										
TEKNOCOAT PRIMER 1603				E1 approval	n.a.	Factory tinted				
TEKNOCOAT PRIMER 1604				Fast drying primer	n.a.	Factory tinted				
Topcoats										
TEKNOCOAT 1633				E1 approval, high gloss	20-90	yes				
TEKNOCOAT 1677				Good filling, fast drying and hardness	20-70	Factory tinted				

	Mould-ings	Interior doors	Boards & Panels	Product proposition highlights	Gloss range	Tinting	Spraying	Roller	Curtain	Vacuum
UV WATERBORNE										
Sealer										
TEKNOLUX AQUA 1429-33				Good blocking and wetting properties	no	no				
Topcoat, clear										
TEKNOLUX AQUA 1429				Good blocking properties, R2	5-50	no				
Topcoat, opaque										
TEKNOLUX AQUA 1728				Hard wearing enamel	25	yes				

100% UV										
Sealer										
UVILUX SEALER 1438				Adhesion to melamine, good sanding properties	no	no				
UVILUX SEALER 1455				Clear knot sealer	no	no				
UVILUX 1456				Good filling and sanding properties	no	no				
UVILUX 1493				Good adhesion, sandability properties	no	no				
Primer										
UVILUX 1754				Good hiding power	n.a.	Factory tinted				
UVILUX 1760				Specialized opti-roller primer	n.a.	Factory tinted				
Topcoat, clear										
UVILUX 6450				Good flow, high resistance against chemicals and wear and tear	10-40	no				
UVILUX 1490				Good flow, high resistance against chemicals and wear and tear	20-40	no				
UVILUX 1453				Combi-coat, sealer and topcoat in one product	25	no				
Topcoat, opaque										
UVILUX 1745				Good hiding power, high resistance against chemicals and wear and tear	20-95	Factory tinted				
UVILUX 6790				Pigmented UV topcoat with good hiding power, high resistance against chemicals and wear and tear	25	Factory tinted				

FIRE RETARDANT										
TEKNOSAFE 2467				Intumescent, clear lacquer applied on any wood based substrate. Classification B-s1,d0	no	no				
TEKNOCLEAR AQUA 1331				Clear topcoat for TEKNOSAFE 2467 - this version of TEKNOCLEAR AQUA 1331 is a special designed version only to be used over TEKNOSAFE 2467. Classification B-s1,d0	6	no				

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The Teknos Group

Teknos is one of Europe's leading suppliers of industrial coatings with a strong position in retail and architectural coatings.

Teknos has its own production in seven countries: Finland, Sweden, Denmark, Germany, Poland, Russia and China. In addition, Teknos has sales companies in 18 countries and exports to more than 20 countries via a well-established network of dealers.

Teknos employs around 1300 staff. Established in 1948, Teknos and its one of Finland's largest family-owned businesses.

● Group companies ● Group companies

www.teknos.com

