Specialised coating solutions for interior joinery
There are 4 layers to the right coating solution

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.

We make wood last longer

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.

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.

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.

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.
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

The task

We make doors last longer

Porta KMI launches a premium range with a special finish.
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
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

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

Product choices

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

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 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

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
An outstanding performance at AccorHotels Arena in Paris

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 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.

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.

Product choices

- Fire protection TEKNOSAFE 2467

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

"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."

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

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.

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 Höövellist

The solution

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The process

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

The task

Eesti Höövellist 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 Höövellist profile

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

Product choices

<table>
<thead>
<tr>
<th>For solid wood mouldings</th>
<th>TEKNOCOAT PRIMER 1604</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>TEKNOLUX AQUA 1728</td>
</tr>
<tr>
<td>For MDF mouldings</td>
<td>TEKNOCOAT AQUAPRIMER 1866</td>
</tr>
<tr>
<td></td>
<td>TEKNOCOAT AQUA 2571</td>
</tr>
<tr>
<td>Product Proposition Highlights</td>
<td>Gloss Range</td>
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<tr>
<td>Gloss range</td>
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<tr>
<td>Tinting</td>
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<td>Spraying</td>
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<tr>
<td>Roller</td>
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<td>Vacuum</td>
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<table>
<thead>
<tr>
<th>Primers</th>
<th>Mouldings</th>
<th>Interior Doors</th>
<th>Boilets &amp; Panels</th>
<th>Product Proposition Highlights</th>
<th>Gloss Range</th>
<th>Tinting</th>
<th>Spraying</th>
<th>Roller</th>
<th>Vacuum</th>
</tr>
</thead>
<tbody>
<tr>
<td>AQUAFILLER 1100</td>
<td>Fast drying white filler with good filling and sanding properties.</td>
<td>n.a.</td>
<td>no</td>
<td></td>
<td></td>
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<tr>
<td>AQUAFILLER 1151</td>
<td>Fast drying white filler preparing the surface for the high speed production lines</td>
<td>n.a.</td>
<td>no</td>
<td></td>
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<tr>
<td>TEKNOCOAT AQUA 1875</td>
<td>Filter with excellent edge covering properties and optimised for visual appearance by minimising grain raise. The filter dries fast and offers good sanding properties</td>
<td>n.a.</td>
<td>Factory tinted</td>
<td></td>
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<tr>
<td>TEKNOCOAT AQUA PRIMER 1887</td>
<td>Interior white knot sealer for pine wood. Efficiency documented by NTI, shows excellent sealing efficiency compared to market standard</td>
<td>n.a.</td>
<td>no</td>
<td></td>
<td></td>
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<tr>
<td>TEKNOCOAT AQUA PRIMER 1888</td>
<td>Interior white anti stain sealer. Highly efficient, offers excellent edge sealing properties and fast drying</td>
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<td>no</td>
<td></td>
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<tr>
<th>Stains</th>
<th>Primers</th>
<th>Mouldings</th>
<th>Interior Doors</th>
<th>Boilets &amp; Panels</th>
<th>Product Proposition Highlights</th>
<th>Gloss Range</th>
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<tr>
<td>TEKNOSTAIN 1993</td>
<td>Cost efficient waterborne stain tritable using TEKNOCOLOR</td>
<td>no</td>
<td>yes</td>
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<td></td>
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<tr>
<td>TEKNOSTAIN 1996</td>
<td>Waterborne stain for on-site tinting</td>
<td>no</td>
<td>no</td>
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<tr>
<th>Topcoats</th>
<th>Primers</th>
<th>Mouldings</th>
<th>Interior Doors</th>
<th>Boilets &amp; Panels</th>
<th>Product Proposition Highlights</th>
<th>Gloss Range</th>
<th>Tinting</th>
<th>Spraying</th>
<th>Roller</th>
<th>Vacuum</th>
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</thead>
<tbody>
<tr>
<td>TEKNOCOAT PRIMER 1603</td>
<td>E1 approval</td>
<td>n.a.</td>
<td>Factory tinted</td>
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<tr>
<td>TEKNOCOAT PRIMER 1604</td>
<td>Fast drying primer</td>
<td>n.a.</td>
<td>Factory tinted</td>
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<tbody>
<tr>
<td>TEKNOCOAT 1633</td>
<td>E1 approval, high gloss</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>20-90 yes</td>
<td></td>
<td></td>
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<tr>
<td>TEKNOCOAT 1677</td>
<td>Good filling, fast drying and hardness</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>20-70 Factory tinted</td>
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<td></td>
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</tbody>
</table>
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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 is and is one of Finland’s largest family-owned businesses.

Group companies

www.teknos.com