



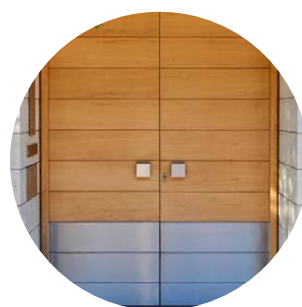
EXTERIOR COATINGS FOR WOOD PROTECTION

AQUAVITA



THE AQUAVITA
BRAND
REPRESENTS
WATER-BASED
COATINGS FOR
THE EXTERIOR
THAT **PROTECT**
AND **PROLONG**
THE DURABILITY
OF WOODEN
SURFACES.

DESIGNING EXCELLENCE



EXTERIOR WOOD COATINGS

KANSAI HELIOS is one of the top European producers of industrial coatings, chemicals for bleaching and cleaning, materials for sticking and sealing, high-quality resins, decorating paints and refinishing coatings. As part of KANSAI PAINT, one of the world's leaders in the paints and coatings industry, KANSAI HELIOS represents the European competence center of the group.

KANSAI HELIOS Industrial wood coatings are designed to ensure high-quality protection while emphasizing the most natural beauty of wood. They meet the most demanding customer requests for supreme reliability and safety. We are introducing and following new application technologies and drying of coatings, strict ecologic requirements and the latest trends, especially in relation to eco-friendly coatings.

AQUAVITA – A WIDE RANGE OF WATER-BASED PRODUCTS FOR PROFESSIONAL EXTERIOR WOOD COATING

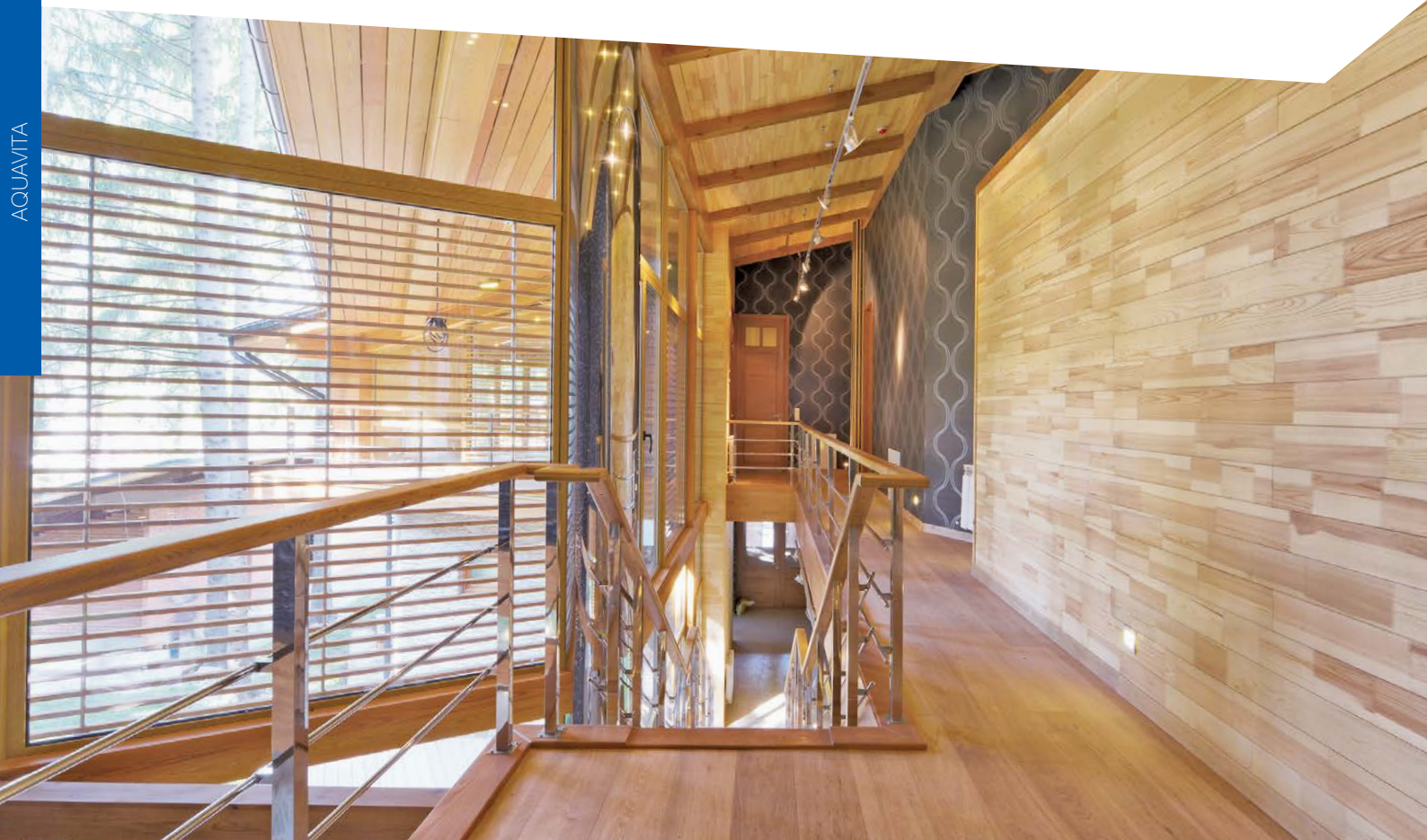
Quality timber, carefully constructed wooden elements and a proper coating system selection are key for achieving an effective wood protection. Regular maintenance and care of wooden surfaces will ensure that windows, doors and other wooden elements in and around the house will remain intact for many years to come.

The AQUAVITA brand represents a group of water-based products designed for professional wood protection. All coatings consist of modern components that are resistant to UV rays and other weather conditions. AQUAVITA coatings enrich wood and make it more elegant, at the same time providing a preventative protection against wood pests (fungi, insects) and weathering. A wide range of products is available in transparent or opaque versions.

REGULAR TESTING AND MONITORING FOR RELIABLE SOLUTIONS

All aspects of AQUAVITA coatings, from production to the end-customer, are overseen by our expert teams in R&D. Our extensive experience in research, development and production enables us to produce reliable and efficient products. Developers and technical support providers are actively involved in demanding projects where complex solutions are needed.

All AQUAVITA coatings meet the requirements of today's customers, as they are tested by professional users, and the quality is regularly monitored and tested at both domestic and foreign institutes. Individual systems comply with European standards and directives regarding wood protection and installation, the biocide directive of the European Union and the requirements and laws of numerous countries outside the EU where AQUAVITA products are sold.



AQUAVITA

AQUAVITA coatings consist of **two product groups**:

- The first group is designed to protect carpentry and joinery products (windows and front doors). They can be applied with dipping, flow coating, high pressure spraying equipment, manually or by a robot.
- The second group of products is intended to protect the remaining wood in and around the house: walls, eaves, fences, garden houses, playground equipment, etc. They can be applied with dipping, flow coating, with a brush, roller, air gun or using automated dispensing devices or robots.

All materials and systems comply with the SIST EN 335-2, SIST EN 599-2, DIN 68800-2, ÖNORM B 3803 and other standards regulating the quality and characteristics of wood protection materials.



ADVANTAGES OF AQUAVITA COATINGS

- long-term wood protection,
- easy to apply,
- odorless and quick-drying,
- ensure a healthy work environment,
- do not harm the environment.



The AQUAVITA products:

- **Impregnations** with insecticidal and fungicidal activity. The products comply with the latest EU directives and are registered in line with the regulations. They can be applied with a brush, by dipping or flow coating.
- **Intermediate coatings** are used in transparent systems. Most are colorless, but some can be pigmented to get a desired shade. Their main purpose is to contain the biocides present in the impregnation inside of the wood and to provide a more even surface, on which the final coating can be applied. Based on the type of wood different intermediate coatings are recommended, because some of them have an additional functionality of preventing the migration of water-soluble substances to the final coating.
- **Primers** are used in opaque systems. They are all white. Their main purpose is to contain the biocides present in the impregnation inside of the wood and to provide a more even surface, on which the final coating can be applied. Based on the type of wood different primers are recommended, because some of them have an additional functionality of preventing the migration of water-soluble substances to the final coating.
- **High-build stains** keep the natural structure of wood visible and protect wood against UV rays, moisture and the environment.
- **Topcoats** protect wood against harmful influences enabling the wood painted with them to also be useable in modern design solutions. They are available in RAL and NCS color shades, and with special effects, i.e. various metal effects.
- **Oils** highlight the structure of wood and protect wood surfaces against weather influences. Suitable for interior and exterior surfaces offering an environmentally-friendly protection.
- **Filler for corner joints** and **coatings for the protection of wood panels** are transparent, water-repelling agents for the protection of v-shaped corner joints on carpentry and joinery products, and for the protection of all types of wood panels.
- **Caring Milk** is a colorless emulsion intended for the care and maintenance of surfaces protected with acrylic paints. It is particularly recommended for the care of carpentry and joinery products (windows, front doors) which underwent full protection during production. Its use is recommended 1-2 times a year. It is applied to clean surfaces using a cloth.



CARING FOR CARPENTRY AND JOINERY PRODUCTS

The durability of **AQUAVITA coatings systems** can be prolonged using the **AQUAVITA Caring Milk**. Apply it once or twice a year to wooden elements using a cloth. The caring milk forms a thin, transparent protective coat on the surface.

LABEL	CARPENTRY AND JOINERY PRODUCTS	FACADES, FENCES, BALCONIES, CLADDING
AQUAVITA Impregnant Extra	•	•
AQUAVITA Basic Protection Dip&Brush	•	
AQUAVITA Intermediate coatings	•	•
AQUAVITA Primers	•	•
AQUAVITA Topcoat Spray	•	
AQUAVITA Topcoat Brush		•
AQUAVITA Email Spray	•	
AQUAVITA Email Brush		•
AQUAVITA Wood Oil		•



PREFABRICATED AND WOODEN HOUSES	ROOFING	GARDEN FURNITURE	INTERIOR WOOD PANELS
•	•	•	•
•		•	•
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•



IMPREGNATIONS

LEGENDA:



dipping



flow coating



brush



spraying



cloth



Preparation of color shades
using BW colorants

AQUAVITA Impregnant Extra

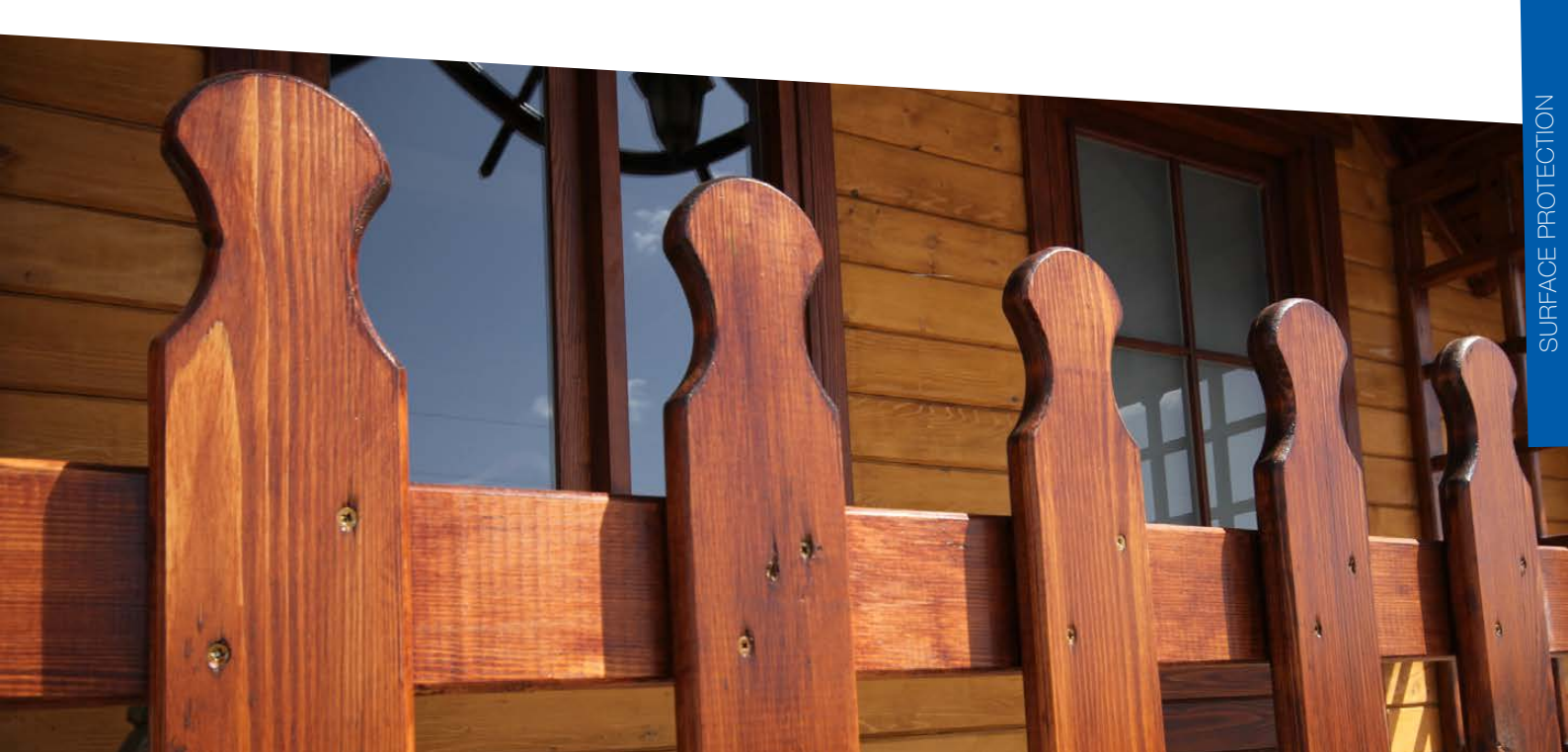
Protection of wood against pests

AQUAVITA Impregnant Extra is an impregnating agent with fungicidal and insecticidal effect that protects wood against blue stains (EN 152), rot (EN 113) and insects (EN 46). The product complies with the Biocide Regulation EU528/2012 on using biocidal products.

Areas of use:

Its characteristics meet the requirements for the protection of carpentry, joinery and construction timber, which is not in constant contact with soil or water. It is used as the first coating for protecting carpentry, joinery and other wooden products classified under Classes 1 to 3 of use (DIN EN 335). Class 3 wood elements that are exposed to different weather effects (windows, doors, cladding, fencing, shutters) must be additionally protected with coatings resistant to weather effects following the application of AQUAVITA Impregnant Extra.





SURFACE PROTECTION COATINGS

AQUAVITA Top Coat Spray

Transparent thick stain coating for surface protection of carpentry and joinery products with spraying application

AQUAVITA Top Coat Spray is a transparent topcoat, which highlights the structure of wood and protects the wood surface from the effects of weathering.

Areas of use:

It is used as a topcoat to protect outdoor and indoor carpentry and joinery products (windows, doors, shutters). It is primarily intended for industrial use. It is applied with airless or airmix spraying. Does not contain heavy metals.



BW MIX

AQUAVITA Email Spray

Opaque thick stain coating for surface protection of carpentry and joinery products with spraying application

AQUAVITA Email Spray is an opaque topcoat that protects the wood surface from the effects of weathering. A part of the wood structure remains visible. Because of that the appearance of the end product isn't completely plastic.

Areas of use:

It is used as a topcoat to protect carpentry and joinery products (windows, doors, shutters). It is primarily intended for industrial use. It is applied with airless or airmix spraying. Does not contain heavy metals.



BW MIX

AQUAVITA Top Coat Brush

Transparent thick stain coating for surface protection of carpentry and joinery products with brush application

AQUAVITA Top Coat Brush is a transparent topcoat, which highlights the structure of wood and protects the wood surface from the effects of weathering.

Areas of use:

It is used as surface protection for all types of indoor and outdoor wood. It is ideal for protecting windows, doors and all other wooden items exposed to weather influences. Because it dries quickly and is odourless, it is very suitable for the preservation of wood in living areas. Does not contain heavy metals.



BW MIX



SURFACE PROTECTION COATINGS

AQUAVITA Email Brush

Opaque thick stain coating for surface protection of carpentry and joinery products with brush application

AQUAVITA Email Brush is an opaque topcoat that protects the wood surface from the effects of weathering. A part of the wood structure remains visible. Because of that the appearance of the end product isn't completely plastic.

Areas of use:

It is used as surface protection for all types of indoor and outdoor wood. It is ideal for protecting windows, doors and all other wooden items exposed to weather influences. Because it dries quickly and is odourless, it is very suitable for the preservation of wood in living areas. Does not contain heavy metals.



BW MIX

AQUAVITA Wood Protecting Oil

Transparent thin stain coating for surface protection of wood with brush application

AQUAVITA Wood Protecting Oil is a transparent topcoat, which highlights the structure of wood and protects the wood surface from the effects of weathering.

Areas of use:

It is used as surface protection for all types of indoor and outdoor wood (facades, indoor panelling, garden furniture, etc.). It is suitable for protecting wooden elements that are exposed to weather influences. Does not contain heavy metals.



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PRIMERS

AQUAVITA Email Primer Spray HS

Opaque white primer for spraying

AQUAVITA Email Primer Spray HS is used as a primer for AQUAVITA Email topcoats. It is a part of the coatings system for protecting carpentry and joinery products. The material has excellent sanding properties.

Areas of use:

It is used as a primer to protect carpentry and joinery products (windows, doors, shutters) and other wooden surfaces in living areas – for spruce, fir and pine wood. It is recommended that the wood is first protected against rot using the AQUAVITA Impregnation.



AQUAVITA Email Primer Spray&Brush

Opaque white primer for spraying and brush application

AQUAVITA Email Primer Spray&Brush is used as a primer for AQUAVITA Email topcoats. It serves as an excellent blocker for water-soluble substances and micronized resins, preventing that they reaching the topcoat.

Areas of use:

It is used as a primer to protect carpentry and joinery products (windows, doors, shutters) made from all types of wood and also as a primer to protect other indoor and outdoor wood products.





INTERMEDIATE COATINGS

AQUAVITA

Basic Protection Dip&Brush

Intermediate coating for protection of carpentry and joinery products, protects the coating system against pests

The product contains biocidal protection, which protects the dry film of the whole system from some fungi and molds. It fills the pores of the wood and forms a thin film. Is available in different colorations.

Areas of use:

It is used as the first coating in the system protection of wooden joinery such as windows, doors, shutters and fences. Wooden elements exposed to weathering in hazard class 3 (windows, doors, facade claddings, fences, shutters) must be protected with additional coatings from the AQUAVITA line.

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Intermediate Spray H

Intermediate coating for protection of carpentry and joinery products with spraying application

Intermediate Spray H is a clearcoat that is applied to previously treated wooden elements. It prevents the change in coloration and removal of biocidal agents, if any are present, from the previous layer due to sanding. Provides additional protection for end grain wood.

Areas of use:

It is used as intermediate coat between Aquavita Impregnant or Basic Protection and Aquavita Top Coat or Aquavita Email coatings.

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Intermediate Spray TB

Intermediate coating for protection of carpentry and joinery products with spraying and brush application

Intermediate Spray TB is a clearcoat that is applied to previously treated wooden elements. It prevents the change in coloration and removal of biocidal agents, if any are present, from the previous layer due to sanding. Provides additional protection for end grain wood. It serves as an excellent blocker for water-soluble substances and micronized resins, preventing that they reaching the topcoat.

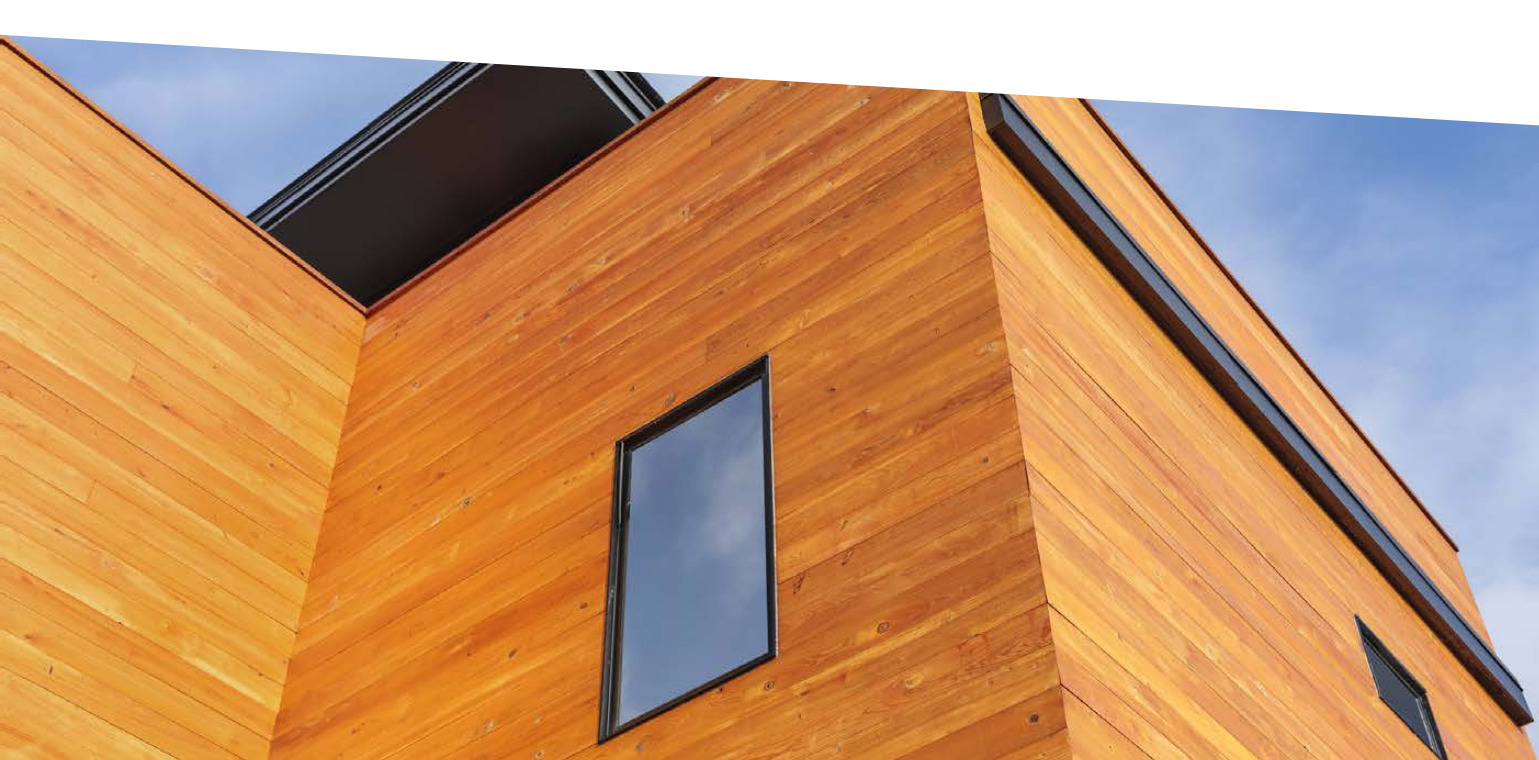
Areas of use:

It is used as intermediate coat between Aquavita Impregnant or Basic Protection and Aquavita Top Coat or Aquavita Email coatings. It is suitable for the protection of all types of wood. It is especially suitable for the protection of problematic types of wood (oak, ash, larch, etc.) that contain a lot of water-soluble substances like tannin.



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SPECIAL COATINGS

AQUAVITA Intermediate Dip

Intermediate coating for protection of carpentry and joinery products with dipping and flow coating application

AQUAVITA Intermediate Dip is a clearcoat that is applied to previously treated wooden elements. It prevents the change in coloration and removal of biocidal agents, if any are present, from the previous layer due to sanding. Provides additional protection for end grain wood.

Areas of use:

It is used as intermediate coat between Aquavita Impregnant or Basic Protection and Aquavita Top Coat or Aquavita Email coatings.

AQUAVITA Paint for end grain wood

Coating for protection of end grain wood

AQUAVITA Paint for end grain wood is a colourless water-repelling agent that provides extra protection for end grain wood.

Areas of use:

The coating is used for the additional protection of end grain wood of all types of wood products that have already been pretreated.

AQUAVITA Caring Milk

Caring milk for carpentry and joinery products

AQUAVITA Caring Milk is a transparent agent for the care of carpentry and joinery products and other wooden surfaces that were coated with acrylic coatings. Its job is to fill the microcracks that form in the topcoat over time, because of weathering. This helps prolong the lifetime of the topcoat.

AQUAVITA Filler for Protection of V-Joints

Filler for the protection of V-shaped corner joints in carpentry and joinery products

AQUAVITA Filler for Protection of V-Joints is a transparent, water-repelling substance for the protection of v-shaped corner joints on carpentry and joinery products.





AQUAVITA MIXING SYSTEM

The **AQUAVITA** mixing systems (mixing device, dispenser and colorants) are among the most advanced on the European market and are easy to use. They enable quick preparation, accuracy and repeatability of colour shades. A wide range of transparent and opaque colours based on several colour charts are available to customers. Custom shades can also be prepared according to customer wishes.



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KANSAI HELIOS
WOOD
COATINGS
MEET THE
CUSTOMER'S
DEMANDS FOR
**SUPREME
RELIABILITY
AND SAFETY.**



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