

PAINT TYPE	<p>Water-borne urethane alkyd based top coat for detached and fixed furniture indoors and outdoors. Finish: gloss.</p> <p>The product has been classified to Group M1 in Emission Classification of building materials. Marine Equipment Approval (Module B) (2014/90/EU) number VTT-C-11855-15-16 for coating system FERREX AQUA primer + FUTURA AQUA 20, FUTURA AQUA 40 or FUTURA AQUA 80 top coat.</p>
USAGE	<p>Indoors FUTURA AQUA 80 is suitable for primed and previously with alkyd paint painted wood, metal and building board surfaces: doors, window casements, cabinets, mouldings, panels, panel ceilings, air ducts, staircase railings, radiators and piping systems.</p> <p>Outdoors FUTURA AQUA 80 is suitable for painting primed window casements, doors, garden furniture etc.</p> <p>Indoors FUTURA AQUA 80 is also suitable for plaster and filler surfaces primed with FUTURA AQUA 3 Primer, for example window sills and casings, and wall surfaces in special objects, e.g. staircases.</p>

TECHNICAL DATA

Solids	About 40 % by volume
Volatile organic compound (VOC)	EU VOC limit value (kat A/d): 130 g/l. The product's VOC: max. 130 g/l
Practical spreading rate	8 - 10 m ² /l
Density	abt. 1.2 g/ml
Drying time at +23°C / 50% RH	
- dust free	after 1 hour
- overcoatable	after 14 hours
- through dry	after 2 - 3 days
	The drying will be slowed down if the air is cool and/or humid.
	The product obtains the final hardness and durability in normal conditions after about 1 month.
Thinner, clean up	Water. Wash the equipment immediately after use with appropriate detergent and warm water.
Finish Colours	Gloss Base paints 1 and 3, which can be tinted to obtain the shades in Interior Colour Cards.
Packages (availability varies by country)	Base paint 1: 0,45 L, 0,9 L, 2,7 L Base paint 3: 0,45 L, 0,9 L, 2,7 L

SAFETY MARKINGS

See Safety Data Sheet.
NOTE! Because of the danger of self-ignition, any waste from the product, spray mist and soiled rags etc. are to be kept in a fire-proof place in air-tight containers. Immersion in water is also recommended.

PTO

DIRECTION FOR USE**Surface preparation**

Clean new surfaces from dust and dirt.
Wash previously painted surfaces with RENSA SUPER paint cleaner.
Matt down hard or gloss surfaces by sanding and thereafter remove the dust.
Smooth any irregularities in the surface with SILORA A carpentry filler.

Priming

Wood, wood fibre board and building board surfaces as well as galvanized metal surfaces are painted with FUTURA AQUA 3 Primer.
Rusting steel surfaces as well as aluminium and copper surfaces are primed with FERREX AQUA anticorrosive paint.

Application

Before use stir the paint thoroughly.
The paint is thinned with water 5 - 15 % by volume when needed.

Apply the paint once or twice with a varnish brush, mohair roller, painting pad or spray.
When painting a smooth surface, e.g. flush door, the marks left by a roller may be smoothed down with painting pad or with varnish brush.

Airless spray nozzle 0.011 - 0.013".

Application conditions

The surface to be painted must be dry. During the application and drying period the temperature of the ambient air, the surface and the paint shall be above +10°C and the relative air humidity below 80%. Drying is faster in low air humidity and/or above + 21°C. Application will be easier if air is humidified and/or temperature is lowered in the working space. Ventilation after the painting will quicken the drying.

Storage

Must not freeze.

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PAINT TYPE	Water-borne, full-matt, alkyd based adhesion primer. For wooden and galvanized surfaces indoors as well as for wooden surfaces outdoors. The product has been classified to Group M1 in Emission Classification of building materials.
USAGE	Suitable as an adhesion primer for wooden and building board surfaces as well as for non-rusting metal surfaces: doors, window casements, cabinets, mouldings, panels, panel ceilings, air ducts, radiators and piping systems. Outdoors FUTURA AQUA 3 is suitable for priming wooden window casements, doors, balcony rails, garden furniture etc. Indoors FUTURA AQUA 3 is also suitable for priming plaster and filler surfaces when the substrate must be especially durable and smooth: window sills and casings, and wall surfaces in special objects, e.g. staircases.
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TECHNICAL DATA	
Solids	About 40 % by volume
Volatile organic compound (VOC)	EU VOC limit value (kat A/d): 130 g/l. The product's VOC: max. 130 g/l. EU VOC limit value (kat A/i): 140 g/l. The product's VOC: max. 140 g/l.
Practical spreading rate	8 - 10 m ² /l
Density	abt. 1.3 g/ml
Drying time at +23°C / 50% RH	
- dust free	after 1 hour
- overcoatable	after 6 hours
	The drying will be slowed down if the air is cool and/or humid.
Clean up	Water. Wash the equipment immediately after use with appropriate detergent and warm water.
Finish	Full-matt
Colours	White and Base 3. Can be tinted with tinting pastes to shades according to the Interior Colour Cards. The colour accuracy is not complete.
Packages (availability varies by country)	White: 0,45 L, 0,9 L, 2,7 L, 9 L Base paint 3: 0,45 L, 0,9 L, 2,7 L, 9 L

SAFETY MARKINGS

See Safety Data Sheet.
NOTE! Because of the danger of self-ignition, any waste from the product, spray mist and soiled rags etc. are to be kept in a fire-proof place in air-tight containers. Immersion in water is also recommended.

PTO

DIRECTION FOR USE**Surface preparation**

Clean the unpainted surfaces from dust and dirt.
Wash previously painted surfaces with RENSA SUPER paint cleaner.
Matt down hard or gloss surfaces by sanding and thereafter remove the dust.
Smooth any irregularities in the surface with SILORA A carpentry filler.

Application

FUTURA AQUA 3 is suitable as an adhesion primer for wooden surfaces indoors and outdoors as well as for zinc coated, galvanized and previously painted metal surfaces indoors.

Before use stir the paint thoroughly.
The paint is thinned with water 5 - 15 % by volume when needed.

Apply the paint once or twice with a varnish brush, mohair roller, painting pad or spray.
When painting a smooth surface, e.g. flush door, the marks left by a roller may be smoothed down with painting pad or with varnish brush.

Airless spray nozzle 0.011 - 0.013".

Application conditions

The surface to be painted must be dry. During the application and drying period the temperature of the ambient air, the surface and the paint shall be above +10°C and the relative air humidity below 80%. Drying is faster in low air humidity and/or above + 21°C. Application will be easier if air is humidified and/or temperature is lowered in the working space. Ventilation after the painting will quicken the drying.

Storage

Must not freeze.

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PAINT TYPE Solvent-free alkyd-reinforced acrylate dispersion paint for dry indoor spaces. Finish: full-matt. Low side sheen.

The product has been classified in Emission Classification of building materials to **Group M1**.

USAGE The paint is used on interior walls and ceilings, e.g. in apartments and offices. It is easy to apply and gives a smooth, matt surface with attractive appearance.

TEKNOSPRO 5 can be applied to concrete, plaster, stopper, brick and to various building boards. It can also be used for repainting old alkyd and dispersion paint coats

TECHNICAL DATA

Solids About 38 % by volume

Volatile organic compound (VOC) EU VOC limit value (kat A/a): 30 g/l. The product's VOC: max. 30 g/l.

Practical spreading rate

Previously painted surface	10 - 12 m ² /l
Filler and wood fibre board	7 - 10 m ² /l
Concrete and plastered surface	4 - 7 m ² /l

Density abt. 1.3 g/ml

Drying time at +23°C / 50% RH

- dust free

after ½ hour

- overcoatable

after 1 hour

The drying will be slowed down if the air is cool and/or humid.

Thinner, clean up Water. Wash the equipment immediately after use with detergent and warm water.

Finish Full-matt

Colours Base paints 1 and 3, which can be tinted to obtain the shades in Interior Colour Cards.

Washability and wear resistance Wear resistance of the painted surface is good. The painted surface can be washed.

Wet scrub resistance, class 1 according to EN 13300 (ISO 11998).

Lasts over 5 000 brushings, SFS 3755.

Packages **Base paint 1:** 2,7 L, 9 L, 18 L
(availability varies by country) **Base paint 3:** 2,7 L, 9 L, 18 L

SAFETY MARKINGS See Safety Data Sheet.

PTO

DIRECTION FOR USE

Surface preparation

Clean new surfaces from dust and dirt.
Wash previously painted surfaces with RENSA SUPER paint cleaner.
Matt down hard or gloss surfaces by sanding and thereafter remove the dust.
Remove all of the old paint from the surfaces which have been painted with glue paint or lime wash.
Spray filler ceilings, which are not waterproof, are recommended to be primed with solvent borne primer e.g. FUTURA 3 Adhesion primer.
For smoothing of irregularities in the surface choose a suitable stopper from the TEKNOSPRO series. The dried stopper is sanded down and the dust removed.

Priming

Prime concrete, plaster, stopper, brick and building board surfaces with TEKNOSPRO POHJA Primer or TEKNOSPRO 5.
Steel surfaces are primed with FERREX AQUA Anticorrosive paint.

Application

Before use stir the paint thoroughly.
The paint is thinned with water when needed. Apply once or twice by brush, roller or spray. Suitable nozzle for airless spray is 0.017 - 0.021".

Application conditions

The surface to be painted has to be dry. During the application and drying period the temperature of the ambient air, the surface and the paint shall be above +5°C and the relative air humidity below 80%.

Good ventilation during the application and drying period quickens the drying process.

Maintenance instructions

The final forming of the paint film takes abt. 4 weeks under normal circumstances and after that the ultimate durability and hardness is reached. Before this the painted surface must be treated with care.

The painted surface can be cleaned by wiping with a neutral (pH 6 - 8) detergent. For very dirty surfaces can also alkalescent (pH 8 - 10) detergents be used. Detergent and dirt are removed by wiping and/or rinsing the surface with clean water. Use a cleaning cloth, soft sponge or similar for cleaning. Avoid coarse brushing or heavy abrasion. Follow the dilution and other instructions of the detergent producer when using detergents.

Storage

Must not freeze.

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our data sheets, material safety data sheets and system sheets are on our home pages www.teknos.com.

**PAINT TYPE
USAGE**

Water-borne acrylate dispersion paint intended for use on interior walls. It is easy to apply and produces a matt, even film.

BIORA 7 is safe to use since it is fully free of solvent and thus only water evaporates from the paint film.

BIORA 7 can be applied onto concrete, plaster, stopper, brick and building board surfaces.

The product has been classified to **Group M1** in Emission Classification of building materials.

The product has been granted the right to use the allergy label of the Finnish Allergy and Asthma Federation as well as the Nordic Ecolabel, 'The Swan'.

TECHNICAL DATA**Solids**

About 38 % by volume

**Volatile organic compound
(VOC)**

EU VOC limit value (kat A/a): 30 g/l. The product's VOC: max. 30 g/l.

Practical spreading rate

Previously painted surface	10 - 12 m ² /l
Filler and wood fibre board	7 - 10 m ² /l
Concrete and plastered surface	4 - 7 m ² /l

Density

1.3 g/ml

Drying time at +23°C / 50% RH**- dust free**

after ½ hour

- overcoatable

after 1 hour

The drying process will be slower in cold and/or damp.

Thinner, clean up

Water. Wash the equipment immediately after use with detergent and warm water.

Finish

Matt

Colours

Two base paints, which can be tinted with the TEKNOMIX tinting system to obtain all shades in the Interior Colour Cards.

**Washability and
wear resistance**

Wear resistance of the painted surface is moderate.

Wet scrub resistance, class 1 according to EN 13300 (ISO 11998).

Lasts over 5 000 brushings, SFS 3755.

Packages

(availability varies by country)

Base paint 1: 0,9 L, 2,7 L, 9 L

Base paint 3: 0,9 L, 2,7 L, 9 L

SAFETY MARKINGS

See Safety Data Sheet.

PTO

DIRECTION FOR USE**Surface preparation**

Clean new surfaces from dust and dirt.
Wash previously painted surfaces with RENSA SUPER paint cleaner.
Matt down hard or gloss surfaces by sanding and thereafter remove the dust.
Remove all of the old paint from the surfaces which have been painted with glue paint or lime wash.
Spray filler ceilings, which are not waterproof, are recommended to be primed with solvent borne primer e.g. FUTURA 3 Adhesion primer.
For smoothing of irregularities in the surface choose a suitable filler from the SILORA series. The dried filler is sanded down and the dust removed.

Priming

Paint concrete, plaster, stopper, brick, chipboard, gypsum board and fibre board surfaces straight on with BIORA 7 wall paint or prime with BIORA 3 primer and ceiling paint.
Steel surfaces are primed with FERREX AQUA Anticorrosive paint.

Application

Before use stir the paint thoroughly.
The paint is thinned with water when needed.
Apply once or twice by brush, roller or spray.
Suitable nozzle for airless spray is 0.017 - 0.021".

Application conditions

The surface to be painted has to be dry. During the application and drying period the temperature of the ambient air, the surface and the paint shall be above +5°C and the relative air humidity below 80%.

Good ventilation during the application and drying period quickens the drying process.

Maintenance instructions

The final forming of the paint film takes abt. 4 weeks under normal circumstances and after that the ultimate durability and hardness is reached. Before this the painted surface must be treated with care.

The painted surface can be cleaned by light wiping. Use a damp cleaning cloth, soft sponge or similar for cleaning. Avoid coarse brushing or heavy abrasion.

Storage

Must not freeze.

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HELO AQUA 40
semigloss water-borne special varnish

VARNISH TYPE HELO AQUA 40 is a semigloss water-borne special varnish based on polyurethane dispersion. For wooden surfaces indoors and outdoors.

The product has been classified to **Group M1** in Emission Classification of building materials.

USAGE Wooden plank floors and parquet floors as well as stairs indoors, wooden furniture indoors and outdoors.

TECHNICAL DATA

Solids About 32 % by volume

Volatile organic compound (VOC) EU VOC limit value (kat A/i): 140 g/l 2010. The product's VOC: max. 140 g/l.

Practical spreading rate

Application by brush or felt trowel:	8 - 12 m ² /l
Application by mohair trowel:	12 - 15 m ² /l
Total spreading rate on a clean surface:	2 - 3 l/10 m ²
Total spreading rate on previously lacquered surfaces:	abt. 1,5 l/10 m ²

Drying time at +23°C / 50% RH Dust free and overcoatable after 1 - 3 hours. The surfaces can be taken into use 24 hour after application of the last coat. The varnish reaches its final hardness within 1 - 2 weeks. Hard abrasion is thus to be avoided during 2 weeks after the treatment.

Thinner, clean up Water. Wash the equipment immediately after use with detergent and water.

Finish Semigloss

Colours Clear
The varnish is included in the Teknomix tinting system (transparent colours).

Light resistance Good. Does not yellow.

PTO

DIRECTION FOR USE

The wooden surface must be dry, carefully sanded and cleaned from dust and other impurities. Stir HELO AQUA 40 well both before use and between the applications, but be careful not to let air into the varnish.

Untreated parquets and wooden plank floors: Prime with 15 % diluted HELO AQUA 80 using brush, trowel or roller. Finish with 2 - 3 coats of HELO AQUA 40 using brush or trowel. Spread out the varnish in the direction of the pattern and the grain of the wood.

Previously varnished floors: It is recommended that the surfaces are sanded to bare wood and that the instructions above for untreated parquet and wooden plank floors are followed. If the old varnished coat is in good condition HELO AQUA 40 varnish can be applied according to the instructions for finishing to a surface that has been carefully sanded (sanding paper no. 150 or finer). In this case, however, the varnish is first to be tested on a small area to ensure proper adhesion.

Stairs and furniture: Brush application is recommended for stairs and furniture. Prime with HELO AQUA 80, if needed. Apply first a thin coat of HELO AQUA 40 varnish and let it dry for at least one hour. Sand the surface and remove all sanding dust carefully. Apply a second coat of varnish and let dry for about 3 hours before applying the third coat.

Note! For objects outdoors we recommend tinted varnish and avoiding use on horizontal surfaces.

Application conditions

During the varnishing and drying period the temperature of the ambient air, the surface and the varnish shall be above +10 °C and the relative air humidity below 80 %.

Storage

Must not freeze.

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PAINT TYPE	Water-borne, oil-based, non-film-forming transparent wood stain for outdoor use. Protects wooden surfaces from moisture, soiling and when tinted from UV radiation of the sun.
USAGE	<p>New wood and wood previously treated with non film-forming wood stain, e.g. walls, doors, window frames, jetties, porches, fences and poles. Recommended especially for log surfaces.</p> <p>Not suitable for use on film-forming wood stains, nor in greenhouses, hotbeds or shelters for livestock.</p> <p>It is not recommended to use WOODEX AQUA CLASSIC untinted since tinting protects wood from turning grey due to UV radiation of the sun.</p>

TECHNICAL DATA

Solids	About 23 % by volume
Volatile organic compound (VOC)	EU VOC limit value (kat A/f): 130 g/l. The product's VOC: max. 130 g/l.
Practical spreading rate	Sawn timber 5 - 8 m ² /l Planed timber and beam 8 - 12 m ² /l
Density	abt. 1.0 g/ml
Drying time at +23°C / 50% RH	16 h The drying process will be slower in cold and/or damp.
Thinner, clean up	To be used undiluted. Wash the equipment immediately after work with warm water and detergent.
Finish	Not defined. The product penetrates into the pores of the timber.
Colours	Clear and translucent wood stain colours. The final colour will be visible only when the surface is dry.
Weather resistance	Good
STORAGE	Must not freeze.
Packages (availability varies by country)	Clear: 0,9 L, 2,7 L, 9 L

SAFETY MARKINGS

NOTE! Because of the danger of self-ignition, any waste from the product, spray mist and soiled rags etc. are to be kept in a fire-proof place in air-tight containers. Immersion in water is also recommended.

PTO

DIRECTION FOR USE**Surface preparation**
scraper.

Remove all loose matter, dirt and dust with wire-brush, scrubbing brush or

For untreated wood priming with WOODEX AQUA BASE is recommended. Allow to dry for one day.

Wash dirty and/or mildewed surfaces with RENSA FACADE facade cleaner. Rinse the surfaces thoroughly with water and allow to dry.

Application

Stir WOODEX AQUA CLASSIC thoroughly before use. Reserve a sufficient amount of wood stain in the same vessel for each uniform surface, to avoid colour differences. The wood stain must also be stirred now and then in the course of work.

Apply WOODEX AQUA CLASSIC by brush or spray.

Coat untreated wood once or twice with WOODEX AQUA CLASSIC depending on the colour intensity and the required result. The wood stain is applied evenly and continuously on the whole length of the beam or timber to avoid making restart points. Treat end grain with special care. Brush application is recommended for the first coat. When spray is used, the surface is finished by smoothing with a brush.

It is not recommended that clear wood stain is used alone.

Maintenance painting for wooden surfaces treated with WOODEX AQUA CLASSIC may be made with Teknos's water and solvent-based wood stains as well as with house paints.

Application conditions

The surface to be treated must be dry.

The moisture of the wood must be below 20% of the dry weight of the wood.

During the application and drying period the temperature of the ambient air, the surface and the wood stain shall be above +5 °C and the relative air humidity below 80%.

Avoid application in direct sunlight.

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