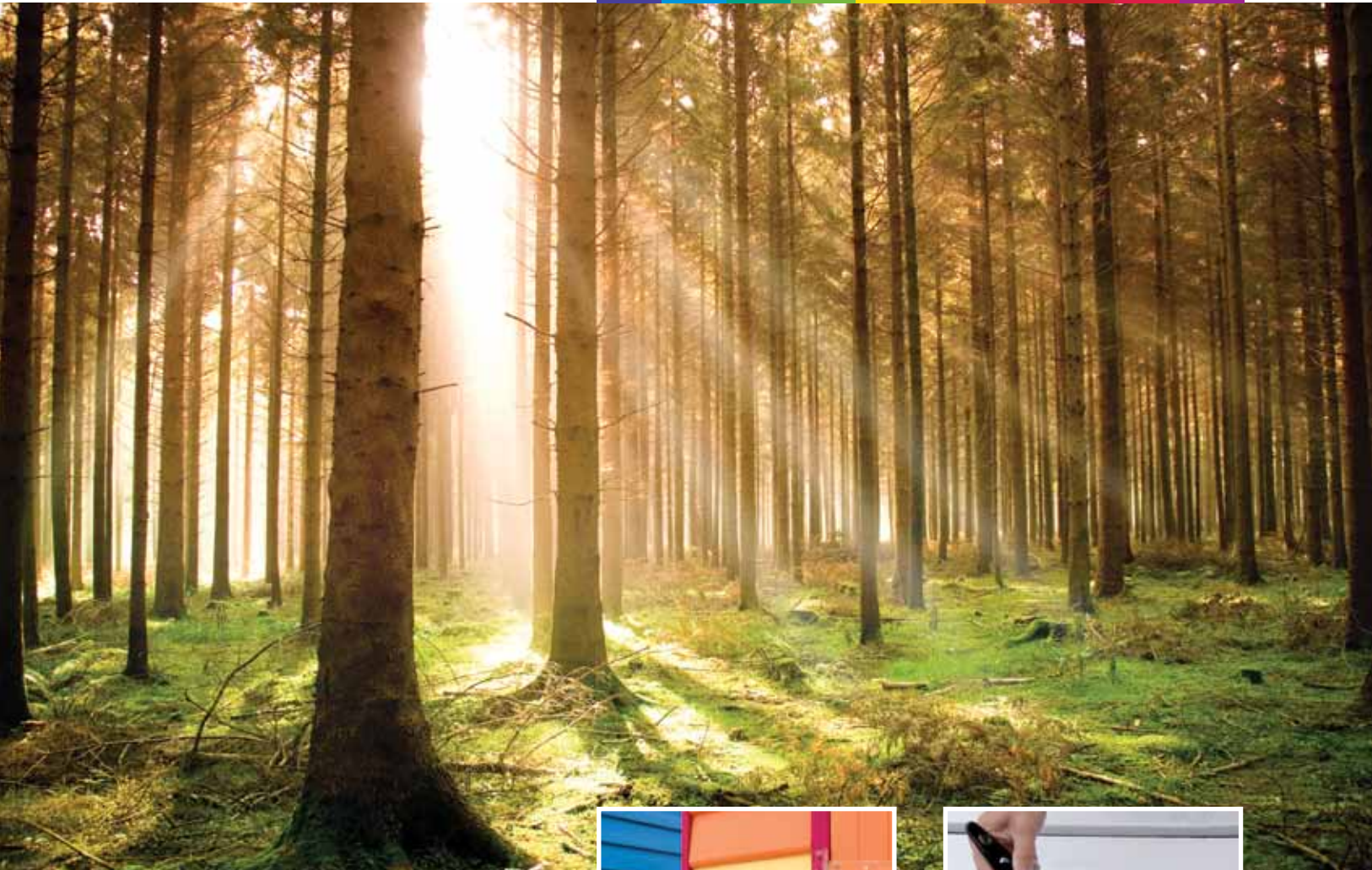


Wood

PRODUCT GUIDE



QUALITY
RELIABILITY
GUARANTEE



 Quality Paints since 1845
MATHYS®



LEGEND

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The Mathys® range of wood preservative products offers superior protection and maximum durability for all your wood projects. With its superior and distinctive features, Mathys® gives you the beauty and protection that you look for in wood preservative products.

PRODUCT GUIDE

The benefits of wood

*Wood is natural, warm and authentic. It is decorative and stylish.
It is a precious and resistant material.*

- INSULATION** Wood is a natural insulator: it keeps heat in and cold out.
- ENVIRONMENT** Wood is natural and renewable, biodegradable and recyclable.
- RESISTANCE** Wood supports without breaking or buckling under pressure.
- EASY** Wood is easy to handle, to maintain and treat.
- AESTHETIC** Wood is a warm and precious material that is also used in contemporary architecture, often in combination with other materials, such as concrete.



Mathys® protects and beautifies all types of wood

One type of wood is not the same as another. So it is vital that you know what type of wood you are treating and what condition it is in.

The Mathys® wood guide sets out to help you choose the right preservative system for your wood.

Essential steps to understanding wood protection.

STEP 1 : Identify the type of wood
STEP 2 : Choose the right product

STEP 1

Identify the type of wood

Different types of wood

RESINOUS / CONIFEROUS

- These wood types are so called because they contain resin.
- Most are conifers.
- It is the most commonly used wood, both inside and outside.

Species : spruce, fir, pine, cedar, etc.

Use : interior and exterior for flooring, panelling, doors, wall and ceiling cladding, wall cladding, frames, garden sheds, carports and more.



cedar



beech

DECIDUOUS

- A heavy, hard type of wood with good mechanical resistance and in some cases resistant to biological attack.

Species : oak, chestnut, beech, ash, walnut, wild cherry, etc.

Use : interior and exterior for wall and ceiling cladding, joinery, frames, parquet flooring, stairs, furniture and more.

EXOTIC WOODS

- Hard woods from Asia, Africa and Latin America.
- Very strong and durable, offering a wealth of cosmetic features and colours.
- Highly resistant to a humid atmosphere.

Species : teak, rosewood, meranti, wenge, etc.

Use : fencing, doors, gates, small joinery, wall cladding.



wenge





Aggressive environmental effects



- FACT:** Wood should be protected against all aggressive effects.
- WHY?** Because the damage to untreated wood starts **IMMEDIATELY** and is visible **FOR ALL TIME**.

The day that a wood project is installed is the day that problems can begin. Morning mist, rain, melting ice and snow are quickly absorbed by untreated wood. This makes the wood softer and makes it swell. Direct exposure to the sun causes it to dry out again and then the wood shrinks.

Continuous cycles of wet, dry, swelling and shrinking make the wood warp, burst and crack. This leads to premature wood deterioration and costly repairs.

Unprotected wood also ages due to constant exposure to UV rays. Persistent damp provides a perfect environment for the growth of mould, algae and other organisms that attack wood. Termites and other wood insects use wood as a food source, resulting in rot and decay

THE MAIN CAUSES OF PROBLEMS

- Large temperature fluctuations
- Humidity
- Intense sunlight

PREVENTING PROBLEMS

- To avoid problems, wood should be protected with a paint, stain or varnish.
- The presence of particular pigments in paints and stains provides a layer that protects against UV rays.
 - The paint and stain layers are waterproof and breathable, thereby providing good protection against damp.





STEP 2

Choose the right product

Wood stains / Varnish - Opaque stains - Lacquer

Durable protection and decoration for your wood project: that is our goal. Our product guide shows you how to adapt your choice to the surface to be treated, the desired durability and aesthetic finish of your project.

Transparent or opaque?

WOOD STAINS - VARNISH

Transparent products retain the natural appearance of wood (the structure, colour, markings, etc.). The final result is effected by the type of wood being treated, the colour and the number of layers. The more transparent the colour, the less the wood is protected from environmental impacts.

The type of wood influences the final colour.



OPAQUE STAINS

Opaque stains cover the wood colour completely but do leave the wood structure and grain visible. They have a limited filling capacity. Perfect for restoring already treated wood.

The type of wood has no influence on the final colour.



LACQUER

Lacquers transform wood and give it a new life: a new appearance, protection and colour. The wood colour and structure is fully covered. Lacquers provide durable protection against environmental effects and are scratch resistant and washable.

The type of wood has no influence on the final colour.



Water based or solvent based?

WATER BASED SYSTEM

- Low odour
- Faster drying
- Less environmental impact
- Faster and easier cleaning of materials



SOLVENT BASED SYSTEM

- Traditional
- Workable for longer periods
- Less likely to swell wood fibres
- Deeper penetration



The shade "11 - Natural oak" applied on mahogany, oak and panelling.



STAINS

TRANSPARENT WOOD FINISH

LEGEND

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Fassitek

Fassitek is a solvent based stain with a base of special alkyd resins. These stains are very effective in impregnating wood and protecting many types of wood from weathering and UV rays. Fassitek can be applied to both new and previously treated wood. These stains are easy to use, transparent, light-stable and really do justice to the wood grain, resulting in wood that stays looking beautiful and natural for a long time. There is no need to worry about peeling or blistering because Fassitek stains are not film-forming and highly breathable.

FEATURES

- Transparent and light-stable
- Penetrates for deep protection
- Non film-forming
- Enhances the wood structure
- Microporous, allows the wood to breathe
- Excellent outdoor durability
- Good protection against UV rays
- Light-stable wood shades - standard colours
- Decorative colours available in the transparent version



Fassitek UV Wood Primer

For extra protection
from UV damage
(see p.15 for more info)

	Fassitek
Appearance	satin gloss
Based on	alkyd resins
Solids Content (depending on the color)	ca. 30% vol.
Coverage	10-15 m ² /L

Fassitek Thixo

Fassitek Thixo is an easy to apply thixotropic stain. This Fassitek version has all the protective and cosmetic qualities of the classic Fassitek, but is slightly thicker in texture. This means that a thicker coating of the product can be applied and makes it more convenient to use, especially for overhead work. Fassitek Thixo is suitable for both indoor and outdoor use and can be applied directly to already stained wood. The product does not form a film, yet, just like the classic Fassitek, it provides complete protection against UV light and weathering. It also allows the wood to breathe.



FEATURES

- Transparent and light-stable
- Thixotropic alkyd resins
- Penetrates for deep protection
- Non film-forming
- Enhances the wood structure
- Microporous, allows the wood to breathe
- Excellent outdoor durability
- Good protection against UV rays
- Light-stable wood shades - standard colours

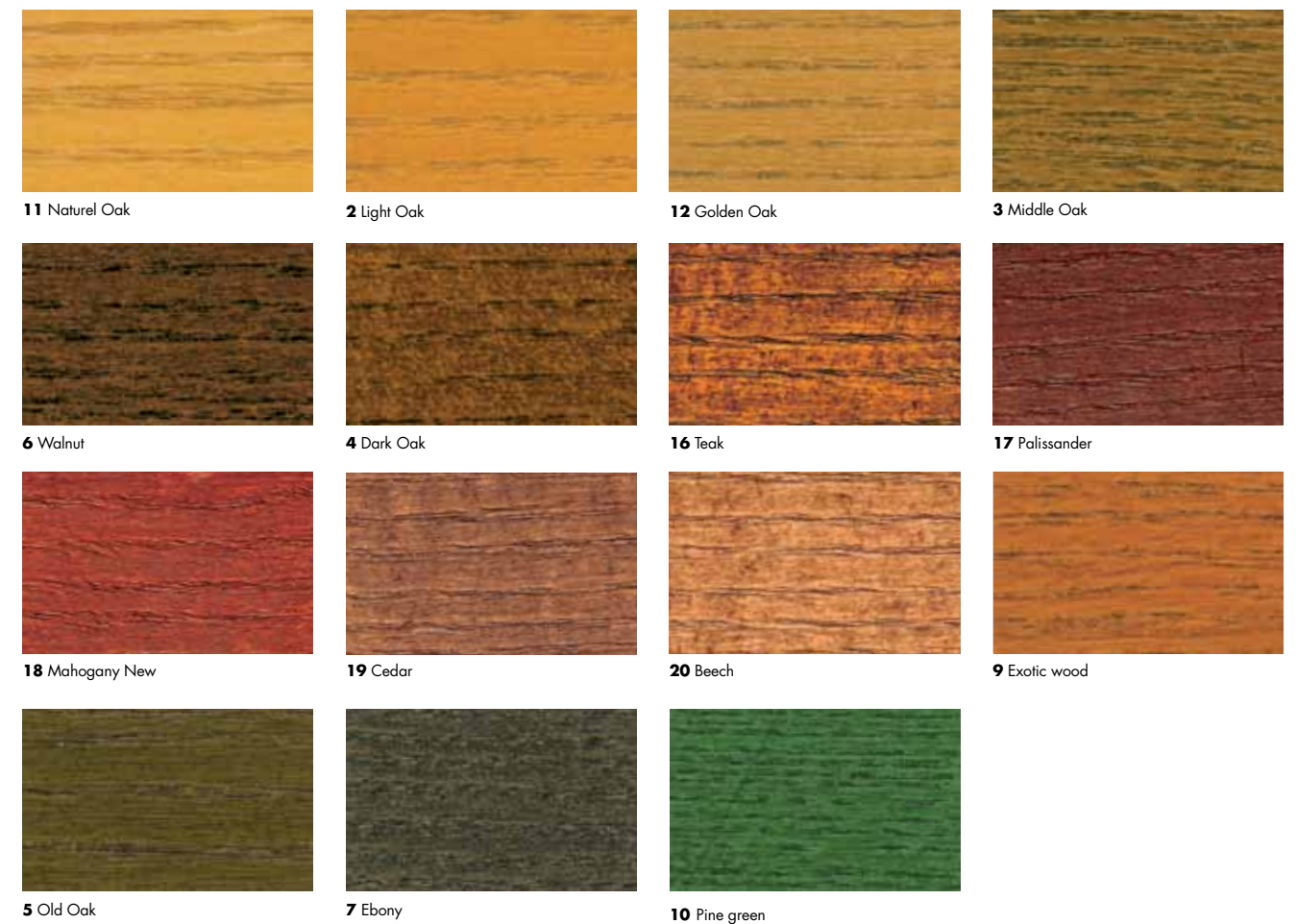


Fassitek UV Wood Primer

For extra protection from UV damage
(see p.15 for more info)



	Fassitek Thixo
Appearance	satin gloss
Based on	urethane alkyd resins
Solids Content (depending on the color)	ca. 30-33% vol.
Coverage	10 m²/L



For typographical reasons there may be color differences between the colors on this page and the actual color samples.



Decorative colours that can be obtained starting from the colourless version (1) - reduced outdoor durability.



IMAGINE 1WB06

IMAGINE 158B07



Fassithane

The Fassithane range comprises three transparent wood varnishes of different gloss levels: Gloss, Satin and Matt. Fassithane Gloss, Satin and Matt are solvent based varnishes based on polyurethane alkyd resins.

The Matt version can only be applied indoors, while the Gloss and Satin versions can be used both indoors and out.

FEATURES

- Quick drying
- Does not yellow
- Scratch and wear resistant
- No tendency to wrinkle when applying thick layers
- Satin and Gloss versions: use indoors and outdoors
- Satin and Gloss versions: excellent durability for outdoor use
- Matt version : for indoor use - easy to clean



	Fassithane Matt	Fassithane Satin	Fassithane Gloss
Appearance	mat	satin gloss	glossy
Based on	PU-alkyd binders	PU-alkyd binders	PU-alkyd binders
Solids Content (depending on the color)	ca. 43-45% vol.	ca. 43-45% vol.	ca. 42-44% vol.
Coverage	15 m ² /L	15 m ² /L	15 m ² /L



Fassitek UV Wood Primer

For extra protection
from UV damage
(see p.15 for more info)



Fassitek UV Wood Primer

Fassitek UV Wood Primer is a colourless primer that visibly delays the signs of UV damage.

FEATURES

- For use underneath Fassitek, Fassitek Thixo or Fassithane.
- This primer is applied in one or two layers under the chosen stain or varnish.
- This UV Wood primer is an invisible protective layer that reduces damage from UV rays and prolongs the life of stains and varnishes
- For an optimum result 2 layers are recommended



Fassilux

A quality product for a quality job. Fassilux lacquers are solvent based paints with a basis of soya alkyd resins, for use indoors and out. Highly weather resistant and damp regulating. For many years, Fassilux has been a leading quality lacquer highly valued by the professional painter.



FEATURES

- Simple and fast application
- Excellent flow
- Excellent scratch and wear resistance
- Good outdoor durability, weatherproof
- Quick drying
- Good coverage
- Even gloss finish
- Good edge coverage
- High gain
- Can be tinted in virtually any colour

FEATURES PRIMER

- Solvent based primer-surfacer containing soya-alkyd resins
- Excellent flow out and adhesion on wood
- Moisture controlling
- High covering capacity
- Quick drying
- Easy to apply and to sand finely
- Very weather resistant



	Fassiprim	Fassilux Satin	Fassilux Gloss
Appearance	satin gloss	satin gloss	glossy
Based on	soya-alkyd resins	soya-alkyd resins	soya-alkyd resins
Solids Content (depending on the color)	ca. 52-56% vol.	ca. 53-56% vol.	ca. 61-64% vol.
Coverage	15 m ² /L	18 m ² /L	20 m ² /L



Fassilux Aqua XPE

The best of both worlds. Fassilux Aqua XPE is a water based, scratch and wear resistant quality lacquer for all indoor and outdoor applications. Fassilux Aqua XPE, based on a polyurethane / alkyd emulsion is as easy to use as a solvent based enamel paint but has the advantages of a water based system. Fassilux Aqua XPE is easy and fast to apply and has excellent flow properties that ensure an even and professional result. Fassilux Aqua XPE is available in satin and high gloss versions for outdoor use and a matt version for indoors. The collection is completed with a quick drying primer, Fassiprim Aqua XPE.

FEATURES

- For all applications, indoors and out
- Matt version only for indoor use
- Excellent scratch and wear resistance
- Quick drying
- Low odour
- Excellent flow
- Simple and fast application
- Colour fast
- Good coverage
- Highly aesthetic
- For sleek and radiant paintwork
- Can be tinted in virtually any colour

FEATURES PRIMER

- Water based, matt acrylic
- Easy to apply
- Quick drying, quick to sand
- Good coverage
- Excellent adhesion and flow
- Damp regulating



	Fassiprim Aqua XPE	Fassilux Aqua XPE Matt	Fassilux Aqua XPE Satin	Fassilux Aqua XPE Gloss
Appearance	mat	mat	satin gloss	glossy
Based on	acrylic binder	PU-alkyd emulsion	PU-alkyd emulsion	PU-alkyd emulsion
Solids Content (depending on the color)	ca. 39% vol.	ca. 43% vol.	ca. 39% vol.	ca. 38% vol.
Coverage	10 m ² /L	12 m ² /L	12 m ² /L	12 m ² /L





Fassitek Aqua Opaque

Fassitek Aqua Opaque is a high quality, eggshell finish, water based opaque stain for exterior wood, based on 100 % pure acrylic resins. This opaque outdoor stain is suitable for all wood types, already stained or untreated. Fassitek Aqua Opaque adheres well to the base with no need for a primer. Use this fine wood paint on windows, doors, walls, gates, garden sheds and more. Fassitek Aqua Opaque provides a durable, opaque protection that allows the wood structure and grain to shine through. An ecologically sound, environmentally friendly yet highly durable system.

FEATURES

- Can be used as a primer or as a finishing layer
- Enhances the wood structure and grain
- Good outdoor durability, weatherproof
- Microporous – allows wood to breathe
- Flexible system
- Damp regulating - waterproof
- Is resistant to dirt
- Easy to maintain
- Easy to apply
- Excellent coverage and flow
- Quick drying, can be painted over after 2 hours
- Can be tinted in virtually any colour



Fassitek Aqua Opaque

Appearance	Satin gloss
Based on	acrylic binder
Solids Content (depending on the color)	ca. 38% vol.
Coverage	12 m ² /L



	Type	Product	WB/SB	Appear.	Ins./Outs.	Wood Type			
						Resinous	Deciduous	Oak - Chestnut	Exotic woods
Opaque wood finish	Pretreatment	Primer Adex		-		✓	✓	✓	✓
		Porisol		-		✓	✓	✓	✓
	Paint stripper	Rapid Super Plus		-					
	Lacquers	Fassiprim		S		✓	✓	✓	✓
		Fassilux Gloss		G		✓	✓	✓	✓
		Fassilux Satin		S		✓	✓	✓	✓
		Fassiprim Aqua XPE		S		✓	✓		✓
		Fassilux Aqua XPE Matt		M		✓	✓	✓	✓
		Fassilux Aqua XPE Gloss		G		✓	✓	✓	✓
		Fassilux Aqua XPE Satin		S		✓	✓	✓	✓
		Pegacryl Satin		S		✓	✓	✓	✓
		Fassicoat		S		✓	✓	✓	✓
		GarniLac		S		✓	✓	✓	✓
	Opaque stains	Fassitek Aqua Opaque		S		✓	✓	✓	✓
Transparent wood finish	Transparent Stains	Fassitek UV Wood Primer		-		✓	✓	✓	✓
		Fassitek		S-M		✓	✓	✓	✓
		Fassitek Thixo		S-M		✓	✓	✓	✓
	Varnish	Fassithane Gloss		G		✓	✓	✓	✓
		Fassithane Satin		S		✓	✓	✓	✓
		Fassithane Matt		M		✓	✓	✓	✓
	Parquet Varnish	Plasti-Parket		S-M		✓	✓	✓	✓

LEGEND

Appearance M = Matt, S-M = Semi-Matt, S = Satin, G = Gloss

- except on wood with antioxidant efflorescence (ex. iroko)
- except on wood containing oils
- except on wood with acidic resins (ex. western red cedar)
- on a modified primer

- * Good
- ** Very good
- *** Excellent

- Inside use
- Outside use
- In- & outside use
- Waterbased product
- Solventbased product
- Tintable

Features Product						
Binder	Application	Coverage	Filling capacity	Durability	Standard colours	ColourShop®2
Phenolic resins	***	-	-	***	-	-
Vinyl	*	-	*	**	-	-
-	*	-	**	-	-	-
Alkyd	**	**	*	***	✓	
Alkyd	**	*	*	**	✓	
Alkyd	**	*	*	**	✓	
Acrylic	***	**	**	**	✓	
PU-Alkyd	***	***	*	**	✓	
PU-Alkyd	**	*	*	**	✓	
PU-Alkyd	**	**	*	**	✓	
Acrylic	*	*	**	***	✓	
Alkyd	***	***	**	***	✓	
PU-Alkyd	**	**	***	**	✓	
Acrylic	***	***	*	**	✓	
Acrylic	***	-	-	***	-	-
Alkyd	**	-	-	***	✓	-
Alkyd	**	-	**	***	✓	-
PU-Alkyd	*	-	-	**	-	-
PU-Alkyd	*	-	-	**	-	-
PU-Alkyd	*	-	-	*	-	-
PU-Alkyd	*	-	-	***	-	-

ALL SYSTEMS AT A GLANCE



Plasti-Parket

This solvent based polyurethane alkyd varnish is ideal for treating and protecting parquet floors and wooden stairs.

- Easy to use
- Air drying
- Hard and wear resistant
- Makes maintenance easy
- Easy to retouch



Fassitek UV Wood Primer

This colourless primer visibly delays the signs of UV damage.

- For use underneath Fassitek, Fassitek Thixo or Fassithane.
- Apply in 1 or 2 coats
- Creates an invisible protective layer that reduces damage from UV rays and prolongs the life of stains and varnishes



GarniLac Satin

This water based urethane alkyd satin finish enamel paint has exceptional filling capacities.

- For use indoors
- Easy to use
- Very good adhesion
- Very good coverage
- Durable and scratch resistant
- Low odour and minimum VOC content
- Can be tinted in virtually any colour



Fassicoat

This one can system eggshell finish varnish is based on alkyd resins and suitable for all interior and exterior woodwork.

- Highly weather resistant and damp regulating
- Base coat and finishing coat in one
- Can be applied directly to woodwork without a special primer
- 2 layers is usually sufficient for a high quality finish
- Can be tinted in virtually any colour



Adex

This impregnating agent for wood is based on a phenolic resin and Chinese wood oil blend. Strengthens and durably protects untreated or stripped wood.

- Strengthens the wood structure
- Improves adhesion of paint



Rapid Super Plus

This highly effective ecological paint stripper comes in gel form and dissolves paint without the use of methylene chloride.

- Fast acting
- Very powerful and effective removal of old paint or glue (residue)
- Apply in thick coats
- Does not damage wood surfaces



TRANSPARENT STAINS



OPAQUE STAINS



VARNISHES



LACQUERS



RUST-OLEUM MATHYS

best solutions in paints & coatings

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