

Stains & varnish systems for painting trade & woodworking

Innovative solutions - environmentally sound, efficient & durable





Long-lasting finish and protection

Premium systems for painting trade & woodworking

Wood: the natural material	04
Remmers stains and varnishes: a trusted solution	05
The innovative range from Remmers	06
Remmers product range	08
Impregnation agents	08
Primers	12
Low-build stains	20
Medium-build stains	26
High-build stains	32
Weather protection paints, white & coloured varnishes	
for wood, metal and plastic	36
Interior wood finishing	46
Supplementary products	52
A dazzling array of colours	66
A dazzling array of colours Fully automatic colour concept	
- .	67
Fully automatic colour concept	67 68
Fully automatic colour concept Opaque and translucent colours	67 68 70
Fully automatic colour concept Opaque and translucent colours Wood expertise	67 68 70 71
Fully automatic colour concept Opaque and translucent colours Wood expertise Wood's natural enemies	67 68 70 71 72
Fully automatic colour concept Opaque and translucent colours Wood expertise Wood's natural enemies The durability of wood types	67 68 70 71 72 73
Fully automatic colour concept Opaque and translucent colours Wood expertise Wood's natural enemies The durability of wood types Wood protection by design	67 68 70 71 72 73
Fully automatic colour concept Opaque and translucent colours Wood expertise Wood's natural enemies The durability of wood types Wood protection by design The system solutions	67 68 71 72 73 73
Fully automatic colour concept Opaque and translucent colours Wood expertise Wood's natural enemies The durability of wood types Wood protection by design The system solutions Maintenance intervals for wood coatings	67 68 7 1 72 73 73 75 76



Wood: the natural material

A much-loved material - and with good reason



Wood: a living material

Wood is a source of wellbeing in our living spaces. Leading architects and designers favour wood when creating buildings, and in particular in interior design, as it is a warm and natural material. Its increasing popularity is thanks to the cosy atmosphere it creates and its unique appearance.

Premium protection using nature's blueprint

Our trees have their own natural protection in the form of their bark. This stops the inside from drying out and, most importantly, protects the tree against the various forms of weather, such as sun, wind, rain, frost and heat.

The roots provide the tree with all the important nutrients it needs in order to grow and thrive. This supply system keeps the tree alive for centuries, providing a living environment and a sense of security for humans and animals.

Remmers has committed to providing this natural protection in its products, even on wood used in construction, in the form of sophisticated coating systems. Wood, with its myriad structures and colours, provides the basis for the new range of wood coatings for the professional trade.

Remmers: a leading provider of trusted wood coatings

Experience and expertise united in every product

Remmers wood coatings have been a trusted solution for many years in the field of woodworking, in the timber industry, and in the wholesale paint trade.

The extensive range contains the perfect products and systems for virtually every substrate – from high-performance impregnations and universal primers to wood finishing stains and multi-functional all-in-one systems.

A leading provider in these areas:

- Coatings for timber construction and prefabs
- Artisanal, water-based furniture paints
- Industrial wooden window coatings

Remmers guarantees the utmost quality in every single coat of its products, all of which are made in Germany and tested to the very highest quality standards by independent institutes.



The benefits for woodworkers, decorators and paint wholesalers

- Guaranteed long-lasting product quality for wood and other substrates
- Products tested by renowned independent institutes
- Approved wood preservatives and other certified coating systems
- And more benefits that aren't just for wholesalers:
 - Streamlined range means lower warehousing costs
 - Colour can be blended to specifications on site (solvent-based and water-based)
 - Innovative colour determination and checking

The innovative range from Remmers

Three technologies for optimum results

Classic, tried-and-tested solvent-based solutions

Over its 70-year history, Remmers has evolved into a leading specialist for wood protection and finishing, with a presence throughout Europe. One of its main focus points has been solvent-based wood preservative stains, which have raised the bar again and again over the years.

Innovative water-based solutions

With its brand new Aqua coatings range for specialist traders, Remmers is now going one step further: these products are a brand new generation of coatings with properties that, in many cases, vastly outstrip those of conventional solvent-based products.

Versatile products and systems

For optimum ease of application, Remmers develops multi-functional products that can be used on a wide range of substrates.

Products based on renewable raw materials

Sustainability is more than just a buzzword – it's a symbol of our responsibility to protect the natural world, create healthy living environments and ensure quality of life. This is reflected in the new range of low-emission [eco] products from Remmers, which are based on renewable raw materials. Whether the products are used on wood indoors or outdoors, [eco] means low emissions and eco-friendly solutions.

Choosing [eco] products means protecting not just your wood surfaces, but also global resources and our environment.

Innovation: 3in1 products save time and money

With skilled workers in short supply, straightforward and reliable product systems are becoming particularly important. The logical consequence of this is the 3in1 products from Remmers: these innovative, one-pot systems for a variety of applications help you save time, money and stress, since they often allow you to create the entire coating system and achieve a high-quality result with just one product.



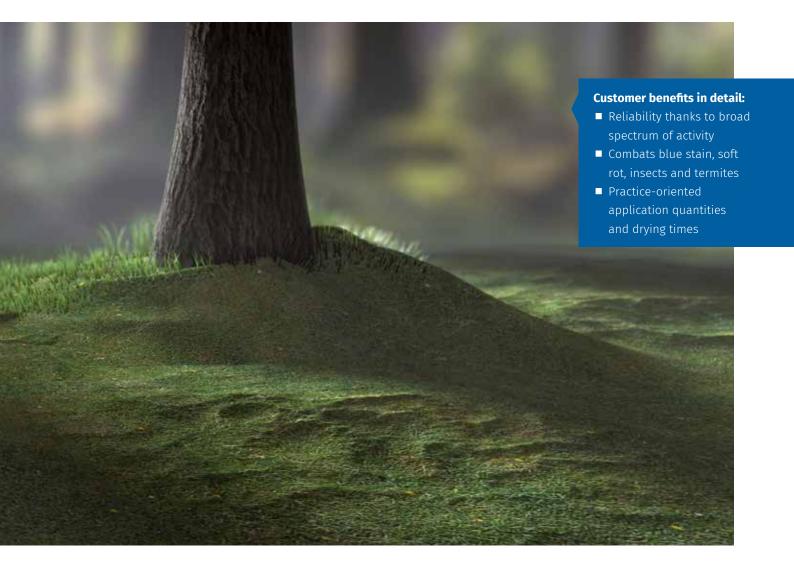




Impregnation agents

For highly durable wood components

Impregnation agents from Remmers protect wood against fungi that can cause damage and discolouration, and against insects and termites too. In both water-based and solvent-based products alike, the active ingredients penetrate deeply into the wood and are suitable for all kinds of wood components, be they structures with no dimensional stability such as fences and framework, components with limited dimensional stability such as matchboarding and timber facades, or dimensionally stable components such as windows and doors.





Aqua IG-15 Impregnation Primer IT Liquid, water-based wood preservative with preventive efficacy against blue stain, soft rot, insects and termites



IG-10 Impregnation Primer IT Liquid wood preservative on a solvent base with preventive efficacy against blue stain, soft rot, insects and termites

Aqua IG-15 Impregnation Primer IT

Liquid, water-based wood preservative with preventive efficacy against blue stain, soft rot, insects and termites

Range of use	 For use on exterior wood Wood without ground contact as per DIN EN 335-1, use classes 2 and 3 Wood building elements with no dimensional stability: e.g. fences, framework, carports, planking Wood building elements with limited dimensional stability: e.g. folding shutters, matchboarding, summerhouses Load-bearing wood elements under roofs (e.g. trusses) Dimensionally stable wood (as a primer only): e.g. windows and doors Pre-treatment under translucent or opaque coatings 	Aqua IG-15	s s s
Property profile	 Preventive protection against wood-staining fungi (blue stain), wood-destroying fungi (rot), insects and termites Reduces spotting when used in combination with coloured primers Impregnated wood is compatible with all subsequent coatings Cost-effective thanks to low application rate Fast drying 		
Tools/cleaning	 Acrylic paintbrush, flat brush Clean tools immediately after use with water or Aqua RK-898 Cleaning Concentrate Dispose of cleaning residues correctly 		£
Application rate	 100 ml/m²: for use against fungi, insects and termites 	System products	Art. no
Overcoating	 After approx. 4 hours (practice values at 23 °C and 50% RH) 	Rofalin Acrylic	(2330
		Aque OML 69/tm	(7710

Aqua IG-15 Impregnation Primer I	т	0.75 l	2.5 l	5 l	20 l
clear	7145	-	•	•	-

Use biocides safely. Always read the label and product information before use.



System products	Art. no.
Rofalin Acrylic	(2330)
Aqua OML-48/tm [eco]	(7710)
Aqua MSL-45/sm	(7130)
Aqua VL-66/sm	(7090)
Aqua NEL-56/tm	(7151)
Aqua OWF-68/tm [eco]	(7740)
Aqua ML-69/sm	(7250)
Aqua DL-65	(7200)
Aqua DSL-55	(7220)
Aqua HSL-35/m*	(7120)
Aqua AG-26 Universal Primer	(7147)



IG-10 Impregnation Primer IT

Liquid wood preservative on a solvent base with preventive efficacy against blue stain, soft rot, insects and termites

Range of use	 For use on exterior wood Wood without ground contact as per DIN EN 335-1, use classes 2 and 3 Wood building elements with no dimensional stability: e.g. fences, framework, carports, planking Wood building elements with limited dimensional stability: e.g. folding shutters, matchboarding, summerhouses Load-bearing wood elements under roofs (e.g. trusses) Dimensionally stable wood (as a primer only): e.g. windows and doors Pre-treatment under translucent or opaque coatings 				191.00.
Property profile	 Preventive protection aga wood-destroying fungi (rc Resistant to swelling, regu Impregnated wood is com Cost-effective thanks to lo 	ot), insects and termites ulates moisture npatible with all subsequ		23	
Tools/cleaning	 Paintbrush with natural bristles, flat brush, dipping tank, spraying tunnel Clean tools immediately after use with V 101 Thinner. Dispose of cleaning residues correctly 				£
Application rate	 Preventive protection aga 150 ml/m² 	inst soft rot, blue stain, i	nsects and termites at		
Overcoating	 After approx. 24 hours (pr 	actice values at 20 °C an	d 65% RH)	System products	Art. no.
				AG-20 Universal Primer	(7150)
IG-10 Impregnation Primer IT	5 l	10 l	20 l	VL-60/sm	(7170)
clear	7144	-	-		. ,
light brown	7142		-	HSL-30/m*	(7100)
dark brown	7143			MSL-40/sm	(7240)
	/113				

Use biocides safely. Always read the label and product information before use.



Primers

Strong bonding layers, sealing action and corrosion protection – these primers do it all

Remmers primers ensure that subsequent coatings adhere perfectly to the substrate. Depending on the desired surface finish, the individual primers used perform the necessary tasks, such as acting as an adhesive primer with rust protection, sealing off substances in the wood, or brightening weathered and discoloured wood.

Customer benefits in detail:

- Excellent adhesion on a wide range of substrates
- Compact range with broad spectrum of application
- Coating systems designed to work together perfectly



Aqua AG-26 Universal Primer Adhesive primer for metals, rigid plastics and wood, protects against rust and seals off substances in the wood



Aqua AG-28 2K Universal Primer 2K adhesive primer and corrosion protection for metals, rigid plastics and other substrates



AG-20 Universal Primer Solvent-based adhesive primer for metals, rigid plastics and wood, protects against rust and seals off substances in the wood, for exterior use



Aqua RG-27 Renovation Primer Special primer for lightening weathered and discoloured wood

Universal primers

The perfect primer for every substrate

Criterion	Aqua AG-26 Universal Primer	AG-20 Universal Primer	Aqua AG-28 2K Universal Primer
Base	water-based	solvent-based	water-based/epoxy
Corrosion protection	x/C3 long	x/C3 long	x/C3 long
Fast drying	•		•
Can be used in cold weather		•	
Can be used indoors	•		•
High stability	•		
Film preserver		•	
Range of use			
Rigid PVC/PUR/polyester	•	•	
Old epoxy coatings			-
Acrylic	•	•	•
Melamine resin coatings (HPL/CPL)	-	•	•
Wood	•	•	•
Problematic wood: hevea	•	•	
Exotic wood species	•	•	
Iron/steel	•	•	•
Zinc/galvanised steel*	•	•	•
Aluminium**	•	•	•
Copper	•	•	-
Brass	•	•	-
Glass/ceramics/tiles			•
Colours			
white	•	•	
grey	•	•	•
red brown	•	•	

* Not for anodised aluminium ** Not on freshly galvanised steel



Aqua AG-26 Universal Primer

Adhesive primer for metals, rigid plastics and wood, protects against rust and seals off substances in the wood

Range of use	 Primer and intermediate coat Metal substrates, e.g. (galvanised) steel, aluminium, copper, brass Rigid plastics For use on interior and exterior wood Wood with high levels of active substances such as ash, hevea, oak, whitewood/yellow poplar Solid wood and veneer 	Aqua AG-26	No. of Concession, Name
Property profile	 Excellent adhesion to the substrate Corrosion protection Reduces yellow discolouration of light topcoats caused by substances in the wood Can be overcoated with many products (see system products) Low solvent, environmentally compatible, mild odour 	 ⊡?¢	
Tools/cleaning	 Acrylic paintbrush, flat brush, foam roller, airmix/airless sprayer, flow cup gun Clean tools immediately after use with water or Aqua RK-898 Cleaning Concentrate Dispose of cleaning residues correctly 		
Application rate	 Adhesive primer: 1 x 100 ml/m² Corrosion protection/sealing off substances in wood: 2 x 100 ml/m² Sealing filler for interior wood: 2 x 200 - 250 ml/m² 	System products	Art.
Overcoating	 After approx. 6 hours (practice values at 20 °C and 65% RH) 	Rofalin Acrylic Aqua VL-66/sm	(23

Aqua AG-26 Universal Primer		0.75 l	2.5 l	5 l	10 l	20 l
white	7147	•	•	•	•	
grey	7148	•	•		•	
red brown	7149	•	•		•	





System products	Art. no.
Rofalin Acrylic	(2330)
Aqua VL-66/sm	(7090)
Aqua OWF-68/tm [eco]	(7740)
Aqua DL-65	(7200)
Aqua IG-15*	(7145)
Induline SW-910	(3777)



Aqua AG-28 2K Universal Primer

2K adhesive primer and corrosion protection for metals, rigid plastics and other substrates

Range of use	 Interiors and exteriors Primer Plastic substrates Metal substrates, e.g. (galvanised) steel, aluminium, copper, brass Tiles, ceramics and glass Wood 	remines	
Property profile	 Excellent adhesion to the substrate Corrosion protection Can be overcoated with many products (see system products) Solvent-free and environmentally compatible Low odour 		
Tools/cleaning	 Acrylic paintbrush, microfibre roller, flow cup gun, suitable mixing equipment Tools and residue must be cleaned with water immediately while still wet. Take suitable protective and disposal measures while cleaning. Dispose of cleaning residues correctly. 		
Application rate	 Adhesive primer: 1 x 100 ml/m² Corrosion protection/sealing off substances in wood: 2 x 100 ml/m² 	System products	Art.
Overcoating	 After approx. 16 hours for solvent-based (practice values at 20 °C and 65% RH) 	Aqua VL-66/sm	(70
	 After approx. 3 hours for water-based (practice values at 20 °C and 65% RH) 	Aqua OWF-68/tm [eco]	(77

Aqua AG-28 2K Universal Primer		0.8 l
grey	7160	•

System products	Art. no.
Aqua VL-66/sm	(7090)
Aqua OWF-68/tm [eco]	(7740)
Rofalin Acrylic	(2330)
Aqua DL-65	(7200)
Aqua IG-15*	(7145)
Induline SW-910	(3777)
Rofalin Acrylic Plus	(2329)
*Use biocides safely.	Always

AG-20 Universal Primer

Adhesive primer for metals, rigid plastics and wood, protects against rust and seals off substances in the wood, for outdoor use

Range of use	 For use on exterior wood Wood containing high levels of substances that can cause staining and exotic wood (e.g. Bangkirai, Moabi, Massaranduba, Kasai, Kambala, Framire, Hevea, Sapele, Sipo, Meranti, oak, ash) Primer and intermediate coat Dimensionally stable wood building elements: e.g. windows and doors Wood building elements with limited dimensional stability: e.g. folding shutters, matchboarding, summerhouses Wood building elements with no dimensional stability: e.g. fences, framework, carports, planking Rigid plastics Metal substrates, e.g. (galvanised) steel, aluminium, copper, brass 	remmer	s
Property profile	 Excellent adhesion to the substrate Reduces yellowing of light topcoats caused by substances in the wood Film preserver protects against microbial damage Good edge coverage Very good hiding power High degree of pore filling Corrosion protection Can be overcoated with many products (see system products) 		
Tools/cleaning	 Paintbrush with natural bristles, flat brush, foam roller, airmix/airless sprayer, flow cup gun 	System products	Art. no.
	 Clean tools immediately after use with V 101 Thinner Dispose of cleaning residues correctly 	VL-60/sm	(7170)
Application rate	 Adhesive primer/sealing off substances in the wood: 80 – 100 ml/m² depending on the substrate 	Rofalin Acrylic Plus	(2329)
	 Corrosion protection: 2 x 100 ml/m² 	IG-10*	(7144)
Overcoating	After approx. 12 hours (practice values at 20 °C and 65% RH)	Rofalin Acrylic	(2330)
AG-20 Universal Primer	2.5 l 20 l	*Use biocides safely read the label and p information before	product
white	7150		
grey	7153		

7154

red brown

Aqua RG-27 **Renovation Primer**

Special primer for lightening weathered and discoloured wood

Range of use	 For use on interior and exterior wood Maintenance and evening out greyed and spotted wood surfaces Dimensionally stable wood building elements: e.g. windows and doors Wood building elements with limited dimensional stability: e.g. folding shutters, matchboarding, summerhouses Wood building elements with no dimensional stability: e.g. fences, framework, carports, planking 	remmers Aquia RG-27
Property profile	 Weatherproof and moisture-regulating Fast drying Good coverage with just one coat Excellent adhesion to the substrate 	
Tools/cleaning	 Acrylic paintbrush, flat brush Dispose of cleaning residues correctly. Clean tools immediately after use with water and detergent. 	画版画
Application rate	 Approx. 100 ml/m² depending on the absorbency of the wood. 	ma.D.
Overcoating	 After approx. 3 hours (practice values at 20 °C and 65% RH) 	E13436/34

Aqua RG-27 Renovation Primer		2.5 l
spruce	7146	

System products	Art. no.
Aqua MSL-45/sm	(7130)
Aqua NEL-56/tm	(7151)
Aqua OML-48/tm [eco]	(7710)
Aqua DSL-55	(7220)
Aqua IG-15*	(7145)
MSL-40/sm	(7240)
Induline SW-910	(3777)
*Use biocides safelv.	Always

read the label and product information before use.

Application example:



discoloured wood



Aqua RG-27 spruce



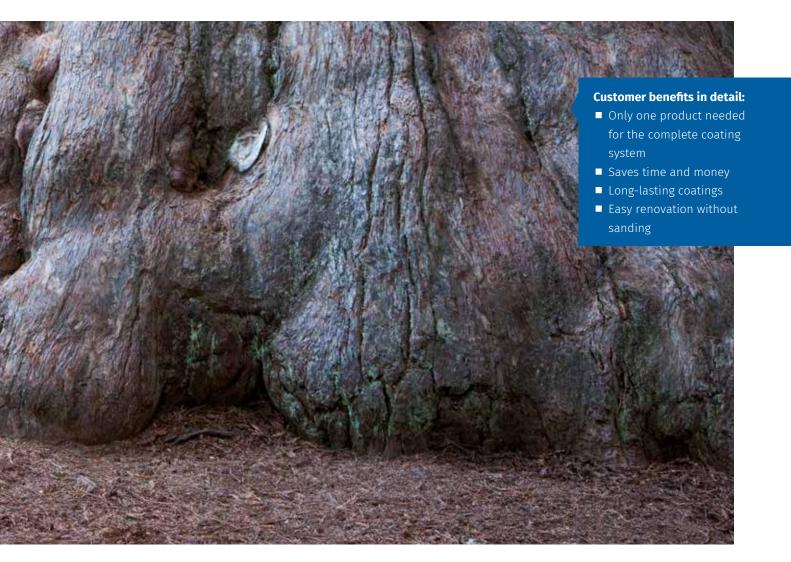
Aqua MSL-45/sm light oak (RC-365)



Low-build stains

3in1 wood protection stains and pre-greying treatment

3in1 wood protection stains from Remmers consist of a high-quality wood preservative impregnation, primer and stain all in one product. This offers a wealth of advantages for the user: only one product is needed, which speeds up application while reducing the material costs per m² – and all these benefits come in the form of a tested and approved wood preservative. 3in1 products provide naturally matt and breathable protection that guards the wood against moisture, UV radiation, blue stain, soft rot, nesting wasps, mould and algae. The **pre-greying stain** OVL-49/tm [eco] is made from renewable raw materials, is highly versatile and creates a seamless transition to the natural greying that occurs on wood over time.



3in1 wood protection stains



HSL-30/m Premium Wood Protection Stain 3 in 1

Solvent-based, premium wood protection stain with increased efficacy for professional use



Aqua HSL-35/m Premium Wood Protection Stain 3 in 1

Water-based, quick-drying premium wood preservative stain for professional use

Pre-greying stain



Aqua OVL-49/tm Grey Stain Oil [eco] Decorative, water-based pre-greying stain for interior and exterior wood

Aqua HSL-35/m Premium Wood Protection Stain 3in1

Water-based, quick-drying premium wood preservative stain for professional use

Range of use	 For use on exterior wood Wood without ground contact as per DIN EN 335-1, use classes 2 and 3 Wood building elements with no dimensional stability: e.g. fences, framework, carports, planking Wood building elements with limited dimensional stability: e.g. folding shutters, matchboarding, summerhouses Dimensionally stable wood building elements (as a primer only): e.g. windows and doors Primer, intermediate coat and finishing coat 	Aquia HSL-SS/m	
Property profile	 Low-build stain 3 in 1: impregnation, primer and stain Protects wood against moisture and has a preventive effect against blue stain fungi In conjunction with design-based wood protection measures, reduces the risk of soft rot High solids content provides physical protection against nesting wasps Film protection against mould and algae Water-based: no unpleasant odours, tools can be cleaned with water Fast drying: 2 coats in one day Subsequent treatment without sanding Long-term protection with uniform weathering Matt 	System products	Art. I
Tools/cleaning	 Acrylic paintbrush, flat brush Clean tools immediately after use with water or Aqua RK-898 Cleaning Concentrate Dispose of cleaning residues correctly 	Aqua MSL-45/sm Aqua NEL-56/tm	(71: (71
Application rate	Preventive action against blue stain at 197 – 216 ml/m ² in at least 2 coats	Induline SW-910	(37
Overcoating	 After approx. 2 – 3 hours 	Aqua DSL-55	(72
	(practice values at 20 °C and 65% relative humidity)	Aqua IG-15*	(71

Aqua HSL-35/m Premium Wood Protection Stain 3in1		0.75 l	2.5 l	5 l	10 l	20 l
clear*	7120					
light oak (RC-365)	7121		-	-		•
pine (RC-270)	7122		-	-		•
pine/larch (RC-260)	7123		-	-		•
teak (RC-545)	7124		-	-		•
nutwood (RC-660)	7125		-	-		
palisander (RC-720)	7126		-	-		
silver grey (RC-970)	7127		-	-		
white (RC-990)	7128		-			
special colours	7129		-	-	-	
Use biocides safely. Always read	the label and	product infor	mation before	e use.		





System products	Art. no.
Aqua MSL-45/sm	(7130)
Aqua NEL-56/tm	(7151)
Induline SW-910	(3777)
Aqua DSL-55	(7220)
Aqua IG-15*	(7145)
Aqua OML-48/tm [eco]	(7710)

*Use biocides safely. Always read the label and product information before use.



22

HSL-30/m Premium Wood Protection Stain 3in1

Solvent-based premium wood preservative stain with increased efficacy for professional use

Range of use	 For use on exterior wood Wood without ground contact as per DIN EN 335-1, use classes 2 and 3 Wood building elements with no dimensional stability: e.g. fences, framework, carports, planking Wood building elements with limited dimensional stability: e.g. folding shutters, matchboarding, summerhouses Dimensionally stable wood (as a primer only): e.g. windows and doors Primer, intermediate coat and finishing coat 	HSL-30/m	
Property profile	 Low-build stain 3 in 1: impregnation, primer and stain Preventive protection against: moisture, UV rays, rot, blue stain, mould and algae High solids content provides protection against nesting wasps Penetrates deep into the wood Breathable Brilliant colours No flaking Subsequent treatment without sanding Matt 		
Tools/cleaning	 Paintbrush with natural bristles, flat brush, dipping tank, flow coating facility, spraying system (closed) Clean tools immediately after use with V 101 Thinner Dispose of cleaning residues correctly 	System products	Art. no.
Application rate	 Preventive action against blue stain and rot at 205 – 250 ml/m² 	MSL-40/sm	(7240)
Overcoating	in at least 2 coats After approx. 12 hours (practice values at 20 °C and 65% RH) 	Induline SW-910	(3777)

*Use biocides safely. Always read the label and product information before use.



HSL-30/m Premium Wood Protec	tion Stain 3in1	0.75 l	2.5 l	5 l	10 l	20 l
clear**	7100					
light oak (RC-365)	7101					
pine (RC-270)	7102		•	•		
pine/larch (RC-260)	7103		•	•		
rustic oak (RC-360)	7104		•	•		
teak (RC-545)	7105		•	•		•
mahogany (RC-565)	7106		•	•		•
nutwood (RC-660)	7107		•	•		•
palisander (RC-720)	7108		•	•		•
silver grey (RC-970)	7109		•	•		
white (RC-990)	7110		•	•		
chestnut (RC-555)	7111		•	•		•
graphite grey (FT-25416)	7112		•	•		•
platinum grey (FT-26788)	7113		•	•		•
special colours	7114		•	•	•	•

Use biocides safely. Always read the label and product information before use.

**Does not protect against UV radiation (grey discolouration). Therefore, this product should only be used on wood in sheltered areas (i.e. protected against direct sunlight, precipitation and wind). If a clear coating is required in an exposed outdoor area, apply several layers and top up regularly.

Aqua OVL-49/tm Grey Stain Oil ^[eco]

Water-based pre-greying stain made from renewable raw materials for interior and exterior wood

Application rate Approx. 60 ml/m² per coat min. 2 coats Aqua IG-15* (7) Overcoating • After approx. 8 hours (practice values at 20 °C and 65% RH) Aqua RG-27 (7)	t. no. 7145) 33777) 7146)
 Long-lasting, even colour in exposed and sheltered areas Made from renewable raw materials: min. 80% Tested bee-friendly formula Water-based, very low solvent content Non-drip Good flow properties Cloth matt Tools/cleaning Acrylic paintbrush, flat brush, flow cup gun, airless/airmix spraying equipment Clean tools immediately after use with water or Aqua RK-898 Cleaning Concentrate Dispose of cleaning residues correctly Textiles saturated with the product may self-ignite. Soak in water and collect and store under water in fireproof waste bins. Application rate Approx. 60 ml/m² per coat min. 2 coats Overroating After approx. 8 hours (practice values at 20 °C and 65% RH) 	7145) 3777)
 Long-lasting, even colour in exposed and sheltered areas Made from renewable raw materials: min. 80% Tested bee-friendly formula Water-based, very low solvent content Non-drip Good flow properties Cloth matt Tools/cleaning Acrylic paintbrush, flat brush, flow cup gun, airless/airmix spraying equipment Clean tools immediately after use with water or Aqua RK-898 Cleaning Concentrate Dispose of cleaning residues correctly Textiles saturated with the product may self-ignite. Soak in water and collect and store under water in fireproof waste bins. Application rate Application rate Approx. 60 ml/m² per coat min 2 coats 	7145)
 Long-lasting, even colour in exposed and sheltered areas Made from renewable raw materials: min. 80% Tested bee-friendly formula Water-based, very low solvent content Non-drip Good flow properties Cloth matt Tools/cleaning Acrylic paintbrush, flat brush, flow cup gun, airless/airmix spraying equipment Clean tools immediately after use with water or Aqua RK-898 Cleaning Concentrate Dispose of cleaning residues correctly Textiles saturated with the product may self-ignite. Soak in water and collect and store under water in fireproof waste bins. Aqua IG-15* Aqua IG-15* 	
 Long-lasting, even colour in exposed and sheltered areas Made from renewable raw materials: min. 80% Tested bee-friendly formula Water-based, very low solvent content Non-drip Good flow properties Cloth matt Tools/cleaning Acrylic paintbrush, flat brush, flow cup gun, airless/airmix spraying equipment Clean tools immediately after use with water or Aqua RK-898 Cleaning Concentrate Dispose of cleaning residues correctly Textiles saturated with the product may self-ignite. Soak in water and 	2 2 1 1
 Long-lasting, even colour in exposed and sheltered areas Made from renewable raw materials: min. 80% Tested bee-friendly formula Water-based, very low solvent content Non-drip Good flow properties 	
]
Range of use • For use on interior and exterior wood • Wood building elements with limited dimensional stability: e.g. folding shutters, matchboarding, summerhouses • Wood building elements with no dimensional stability: e.g. fences, framework, carports, planking • Wooden bee boxes, beehives and other wood elements used in beekeeping	

*Use biocides safely. Always read the label and product information before use.









Grey Stain Oil [eco]

3212

3214

3213

3215

-

silver grey

clear

base M

special colours



Block colours

Subtle pre-greying



granite grey FT20923

silver grey RC-970





Metallic colours

Pre-greying with a pronounced patina





Medium-build stains

Long-lasting moisture protection and UV protection for valuable wood components

The most effective way to protect particularly valuable wood components, such as matchboarding, garden furniture, windows and doors, is to use Remmers film-forming stains. These create easy-care surfaces that can last longer between maintenance and renovation work. **They provide especially good protection against moisture and UV radiation for dimensionally stable wood, and wood with limited dimensional stability.** Conventional stained surfaces get darker every time a top-up coat is applied. For long-lasting brightness, Aqua MSL-45/sm and MSL-40/sm in the colour clear UV+ also act as a sacrificial layer that is replaced during maintenance. This significantly decreases the rate at which the colour darkens.

Customer benefits in detail:

- Long-term protection for valuable components
- Anti-drip for easy application
- Block resistant: also for windows and doors



Aqua MSL-45/sm Medium Build Stain UV+ Decorative, water-based medium-solid gel stain with very high UV protection for universal use on exterior and interior wood



Aqua OML-48/tm Medium Build Oil Stain [eco] Water-based stain made from renewable raw materials for interior and exterior wood



MSL-40/sm Medium Build Stain UV+ Decorative, solvent-based medium-build stain with very high UV protection and film preservative for universal use on exterior wood

Aqua MSL-45/sm Medium Build Stain UV+

Decorative, water-based medium-solid gel stain with very high UV protection for universal use on exterior and interior wood

Range of use	 For use on interior and exterior wood Dimensionally stable wood building elements: e.g. windows and doors Wood building elements with no dimensional stability: e.g. fences, framework, carports, planking Wood building elements with limited dimensional stability: e.g. folding shutters, matchboarding, summerhouses Finishing coat on impregnated wood, e.g. garden furniture Clear UV+ can also be used as a sacrificial layer over pigmented variants to prevent the wood from darkening 		
Property profile	 Non-drip Weather-resistant and UV-resistant High UV protection even with light colours and clear UV+ Silk matt Dirt-repellent and easy to maintain Block resistant (in accordance with Code of Practice H0.03) Good flow properties Free from film preservation and wood protection biocides Elastic 		
Tools/cleaning	 Acrylic paintbrush, flat brush Clean tools immediately after use with water and detergent. Dispose of cleaning residues correctly. 	System products	Art. no
Application rate	 Approx. 100 ml/m² per coat Pigmented: 2 coats Clear UV+: 3 coats 	Aqua HSL-35/m* Aqua OZA-90	(7120
Overcoating	 After approx. 4 hours (practice values at 20 °C and 65% RH) 	Aqua RG-27	(7146

Aqua MSL-45/sm Medium Build Stain UV+		0.75 l	2.5 l	5 l	10 l	20 l
clear UV+	7130					
light oak (RC-365)	7131		•	•		
pine (RC-270)	7132		•	•		
pine/larch (RC-260)	7133		•	•		
teak (RC-545)	7134					
nutwood (RC-660)	7136					
palisander (RC-720)	7137					
white (RC-990)	7139		•	•		
special colour	7140		•	•	•	-



System products	Art. no.
Aqua HSL-35/m*	(7120)
Aqua OZA-90	(5320)
Aqua RG-27	(7146)
Aqua IG-15*	(7145)
Induline SW-910	(3777)





Aqua OML-48/tm Medium Build Oil Stain ^[eco]

Water-based stain made from renewable raw materials for interior and exterior wood

Aqua OML-48/tm Medium Build Oil Stain [eco]	0.75 l	2.5 l	5 l	20 l	CESTED	AN
Overcoating	 After approx. 8 hours (pra 	actice values at 20	°C and 65% R⊦	1)	EN 77-3	44
Application rate	 Approx. 60 ml/m² per coa min. 2 coats 	at			Constanting to the second seco	C.C.
Tools/cleaning	 Acrylic paintbrush, flat brequipment Clean tools immediately Cleaning Concentrate Dispose of cleaning resid Textiles saturated with the collect and store under w 	after use with wate lues correctly le product may sel	er or Aqua RK-8 f-ignite. Soak ii	398		
Property profile	 Water-based, very low so Block resistant (in accord Non-drip Good flow properties Weather-resistant and UV Made from at least 80% r Tested bee-friendly formute Cloth matt 	lance with Code of /-resistant renewable raw mat)		ے۔ ثور
Range of use	 For use on interior and e. Dimensionally stable woo Wood building elements e.g. folding shutters, mate Wood building elements e.g. fences, framework, ca Wooden bee boxes, beeh 	od building elemer with limited dimer chboarding, summ with no dimensior arports, planking	nsional stability erhouses nal stability:	y:	remin	nerseco

special colours

7716





MSL-40/sm Medium Build Stain UV+

Decorative, solvent-based medium-build stain with very high UV protection and film preservative for universal use on exterior wood

Range of use	 For use on exterior wood Dimensionally stable wood building elements: e.g. windows and doors (including their interior surfaces) Wood building elements with limited dimensional stability: e.g. folding shutters, matchboarding, summerhouses Wood building elements with no dimensional stability: e.g. fences, framework, carports, planking Clear UV+ can also be used as a sacrificial layer over pigmented variants to prevent the wood from darkening For professional users 	MSU-40/sm	
Property profile	 Non-drip Good flow properties Film protection against mould and algae Weather-resistant and UV-resistant High UV protection thanks to special binder Dirt-repellent and easy to maintain Block resistant (in accordance with Code of Practice H0.03) Cobalt-free 	回機災災	
Tools/cleaning	 Paintbrush with natural bristles, flat brush Clean tools immediately after use with V 101 Thinner. Dispose of cleaning residues correctly. 	System products	Art. no.
Application rate	 1st coat: 100 ml/m² 2nd coat: 60 ml/m² 	HSL-30/m*	(7100)
Overcoating	 After approx. 12 hours (practice values at 20 °C and 60% RH) 	Aqua RG-27	(7146)
		IG-10*	(7144)
MSL-40/sm Medium Build Stain UV+	0.75 l 2.5 l 5 l 20 l	*Use biocides safely. Always read the label and product information before use.	
clear UV+	7240	ENTPROY	ADDITS-A

special colour

7246

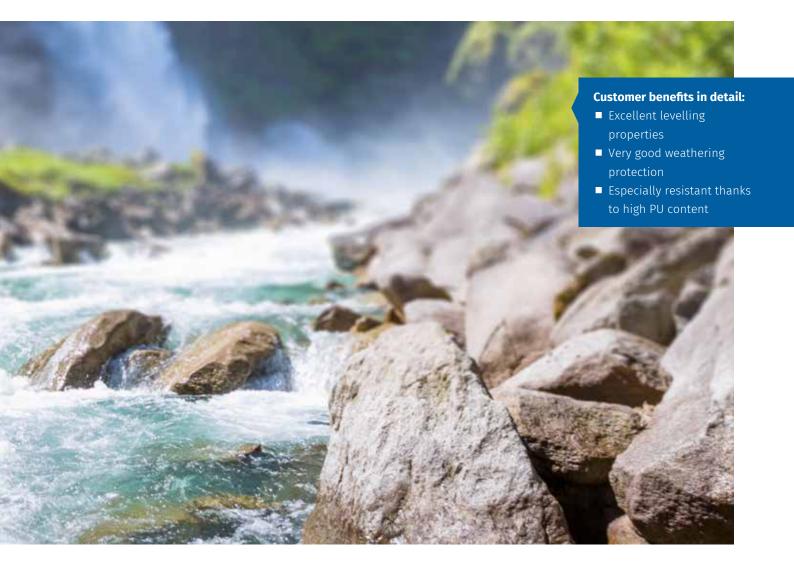




High-build stains

Maximum moisture protection for wooden windows, doors and other high-value wood building elements

Dimensionally stable wood building elements must retain this high level of dimensional stability in order to ensure problem-free use. As has always been the case, high-build stains are the best way to achieve this, as they protect components from direct and indirect weathering over the long term. **The product solutions from Remmers are especially durable and boast outstanding levelling properties.** Their high PU content also gives them excellent mechanical resistance.





Aqua DSL-55 High Build Stain PU Water-based high-build stain with very good levelling properties for windows, doors and other high-value wood elements



Aqua NEL-56/tm Natural Effect Varnish

Water-based natural effect varnish for dimensionally stable wood building elements that are directly or indirectly exposed to weathering

Aqua DSL-55 High Build Stain PU

Water-based high-build stain with very good levelling properties for windows, doors and other high-value wood elements

Range of use	 For use on interior and exterior wood Dimensionally stable wood building elements: e.g. windows and doors Wood building elements with limited dimensional stability: e.g. folding shutters, matchboarding, summerhouses Intermediate and final coat Can also be used as a maintenance coat Not suitable for coating floors (terraces, wooden decking etc.) For professional users 	remmers Per State	
Property profile	 Good resistance to yellowing Easy to apply Weatherproof and moisture-regulating Block resistant (in accordance with Code of Practice H0.03) Long-lasting, dirt-repelling and hard-wearing Excellent flow properties Highly elastic With UV blocker Excellent adhesion to old coatings when used as maintenance coat 		
Tools/cleaning	 Acrylic paintbrush, flat brush Flow cup gun, airless/airmix spraying equipment Clean tools immediately after use with water and detergent Dispose of cleaning residues correctly 	System products	Art. n
Application rate	 Approx. 100 ml/m² per coat 	Aqua HSL-35/m*	(712
Overcoating	 After approx. 4 hours (practice values at 20 °C and 65% RH) 	Aqua ML-69/sm	(725

Aqua DSL-55 High Build Stain PU		0.75 l	2.5 l
Aqua DSL-55/matt			
clear	7220	•	-
special colour	7221	•	-
Aqua DSL-55/silk gloss			
clear	7210	•	-
light oak (RC-365)	7211	•	-
pine/larch (RC-260)	7212	•	-
teak (RC-545)	7213	•	-
nutwood (RC-660)	7214	•	-
palisander (RC-720)	7215	•	-
special colour	7216	•	-





System products	Art. no.
Aqua HSL-35/m*	(7120)
Aqua ML-69/sm	(7250)
Induline SW-910	(3777)
Aqua RG-27	(7146)
Aqua IG-15*	(7145)
Aqua OZA-90	(5320)



Aqua NEL-56/tm Natural Effect Varnish

clear

special colours

7151

7152

Water-based natural effect varnish for dimensionally stable wood building elements that are directly or indirectly exposed to weathering

Range of use Property profile	 For all dimensionally stable wood building elements made from light softwood and hardwood Windows, front doors and conservatories Wood/aluminium composite constructions Mullion/transom structures Natural colours for directly exposed surfaces – clear variant for protected structures Intermediate and final coat Cloth matt surface with very little emphasis of grain: the treated wood 		
	 has a natural-looking finish UV absorbers reduce darkening of the wood Resistant to scratching and hand creams when subjected to normal use Surfaces do not become glossy Clear version for protected structures: optimum natural effect Natural colours for directly exposed surfaces: pigmented variants available for different types of wood for a natural look with good UV protection 		
Tools/cleaning	 Acrylic paintbrush, microfibre paint roller Clean tools immediately after use with water or Aqua RK-898 Cleaning Concentrate Dispose of cleaning residues correctly 	System products	Art. no.
Application rate	■ 60 – 80 ml/m² per coat	Aqua IG-15*	(7145)
Overcoating	 After approx. 4 hours (practice values at 20 °C and 65% RH) 	Induline SW-910	(3777)
		Aqua HSL-35/m*	(7120)
Aqua NEL-56/tm Natural Effect Varnish	0.75 l 2.5 l	Aqua OZA-90	(5320)





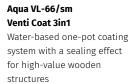
Weather protection paints, white & coloured varnishes for wood, metal and plastics

Highly durable solutions with unlimited design possibilities

The highly pigmented weather protection paints and varnishes produced by Remmers are right on trend, and with good reason: Their versatile range of use and ease of application mean they offer almost limitless possibilities. Thanks to their excellent protective function, the time between maintenance work and top-ups can be maximised. Whether used for corrosion protection on metal, or a sealing effect on wood, the opaque coatings from Remmers set new standards while reducing complexity on building sites and in workshops.









Aqua ML-69/sm 3in1 Multi-Purpose Varnish

Water-based all-inone coating system for metals, rigid plastics and wood, with tested corrosion protection and sealing action against substances in wood



Rofalin Acrylic (Plus) Weather protection paint (plus: with film protection) for exterior and interior wood and other substrates



Aqua DL-65 Top PU Water-based, opaque coating for windows, doors and other high-value wood elements



Aqua OWF-68/tm Weather Protection Oil Finish [eco]

Water-based opaque paint made from renewable raw materials for interior and exterior wood

Rofalin Acrylic (Plus)

Weather protection paint (Plus: with film protection) for exterior and interior wood and other substrates

		^	
Range of use	 For use on interior and exterior wood Wood building elements with limited dimensional stability: e.g. folding shutters, matchboarding, summerhouses Wood building elements with no dimensional stability: e.g. fences, framework, carports, planking Zinc roof gutters and sheet metal Many other substrates 	Rofatin Acryl	s
Property profile	 Highly opaque Film protection against mould and algae (Rofalin Acrylic Plus) No flaking Alkali-resistant, including on mineral substrates Weatherproof and moisture-regulating Low solvent, environmentally compatible, mild odour Fast drying Scrub-proof Matt 		
Tools/cleaning	 Acrylic paintbrush, flat brush, foam roller Clean tools immediately after use with water and detergent Dispose of cleaning residues correctly 	∎≫	÷.
Application rate	 2 x approx. 80 – 100 ml/m² If pre-treating with Aqua AG-26 Universal Primer (for light colours): 1 x 100 ml/m² 	System products	Art. no.
Overcoating	 After 2 – 4 hours (practice values at 20 °C and 65% RH) 	Aqua IG-15*	(7145)
		Induling SW-910	(3777)

Rofalin Acrylic		0.75 l	2.5 l	5 l	10 l	20 l
anthracite grey (RAL 7016)	2323					
light grey (RAL 7035)	2324					
fir green (RAL 6009)	2325					
moss green (RAL 6005)	2326		-	-	-	
white (RAL 9016)	2330			-		
grey	2332					
dark brown	2334					
black	2336			-		
special colours*	2343					
Base A**	015020		-	-	•	•
Base B***	015021					
Base C****	015022		-	-		•
Rofalin Acrylic Plus						
white (RAL 9016)	2329			-		•
special colours*	2328			•		-

Aqua IG-15*	(7145)
Induline SW-910	(3777)
Aqua AG-26	(7147)
Aqua OZA-90	(5320)

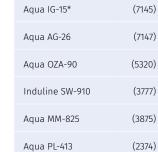
*Use biocides safely. Always read the label and product information before use.



Aqua VL-66/sm Venti Coat 3in1

Water-based one-pot coating system with a sealing effect for high-value wooden structures

Range of use	 For use on interior and exterior wood Dimensionally stable wood building elements: e.g. windows and doors Wood building elements with limited dimensional stability: e.g. folding shutters, matchboarding, summerhouses Wood building elements with no dimensional stability: e.g. fences, framework, carports, planking 		
Property profile	 Water-based Primer, intermediate coat and finishing coat in one product Ventilating effect Block resistant (in accordance with Code of Practice HO.03) Thermally stable and resistant to yellowing Silk matt Seals off substances in the wood Inhibits rust from screws and nail heads Highly weather-resistant and low-chalking 		
Tools/cleaning	 Acrylic paintbrush, flat brush, foam roller, flow cup gun, airless/airmix spraying equipment Clean tools immediately after use with water and detergent. Dispose of cleaning residues correctly 		
Application rate	 100 – 120 ml/m² per coat 2 coats needed to seal off substances in the wood 	System products	Art. no.
Overcoating	 After approx. 6 hours (practice values at 20 °C and 65% RH) 	Aqua AG-28	(7160)
		Aqua IG-15*	(7145)
Aqua VL-66/sm Venti Coat 3in1	0.75 l 2.5 l 5 l 20 l	Aqua AG-26	(7147)
white (RAL 9016)	7090	Aqua OZA-90	(5320)



*Use biocides safely. Always read the label and product information before use.





anthracite grey (RAL 7016)

light grey (RAL 7035)

special colour

Base A*

Base B**

Base C***

7091

7092

7096

015097

015098

015099

Aqua ML-69/sm 3in1 Multi-Purpose Varnish

Water-based one-pot system for metals, rigid plastics & wood, protects against corrosion & seals off substances in wood

Range of use	 Interior and exterior areas Primer, intermediate coat and finishing coat Metal substrates: iron, (galvanised) steel, non-anodised aluminium and zinc Metal components: e.g. fences, frames, railing, downpipes, corrugated metal sheet, metal shuttering, radiators Rigid plastics: Rigid PVC, PUR, acrylic and melamine resin Wood building elements with no dimensional stability: e.g. fences, framework, carports, planking Wood building elements with limited dimensional stability: e.g. folding shutters, matchboarding, summerhouses Not suitable for floors 		
Property profile	 Excellent adhesion to the substrate Corrosion protection C3 long as per DIN EN ISO 12944-6 Inhibits rust from screws and nail heads Seals off substances in the wood Resistant to yellowing and chalking Good edge coverage Does not attract dirt Excellent resistance to weathering Low solvent, environmentally compatible, mild odour 		
Tools/cleaning	 Acrylic paintbrush, flat brush, foam roller, airmix/airless spraying equipment 	System products Aqua IG-15*	Art. no. (7145)
	 Clean tools immediately after use with water or Aqua RK-898 Cleaning Concentrate Dispose of cleaning residues correctly 	Aqua DSL-55	(7220)
Application rate	 Bare ferrous metals: 2-3 x 100-120 ml/m² 	Induline SW-910	(3777)
	 Rigid plastics, non-ferrous metal and intact old coatings: 2-3 x 100-120 ml/m² 	Aqua MR-91	(7259)
	 Wood: 2-3 x 100-120 ml/m² 	*Use biocides safely read the label and p	•
Overcoating	 After approx. 6 hours (practice values at 20 °C and 65% RH) 	information before u	

Aqua ML-69/sm 3in1 Multi-Purpose Varnish		0.75 l	2.5 l	5 l	20 l
white (RAL 9016)	7250				
special colours	7251	-	-	-	-
Base C*	015214	-	•	-	-
Base M**	015215	-	•	-	-



On wood



On metal



On plastic







Aqua DL-65 Top PU

Water-based, opaque coating for windows, doors and other high-value wood elements

Range of use	 For use on interior and exterior wood Dimensionally stable wood building elements: e.g. windows and doors Wood building elements with limited dimensional stability: e.g. folding shutters, matchboarding, summerhouses On many more substrates with Aqua AG-26 Universal Primer Intermediate and final coat Can also be used as a maintenance coat Not suitable for coating floors (terraces, wooden decking etc.) 	Area De color	
Property profile	 Good resistance to yellowing Easy to apply Good edge coverage Weatherproof and moisture-regulating High PU content: long-lasting, dirt-repellent, hard-wearing Excellent flow properties Block resistant (in accordance with Code of Practice HO.03) Low odour Very good hiding power Highly elastic Excellent adhesion to old coatings when used as maintenance coat 		
Tools/cleaning	 Acrylic paintbrush, flat brush, foam roller, flow cup gun, airless/airmix spraying equipment Clean tools immediately after use with water and detergent 	System products	Art. no.
	 Dispose of cleaning residues correctly 	Aqua IG-15*	(7145)
Application rate	 Approx. 100 ml/m² per coat 	Aqua AG-26	(7147)
Overcoating	 After approx. 4 hours (practice values at 20 °C and 65% RH) 	Aqua PL-413	(2374)

*Use biocides safely. Always read the label and product information before use.





Aqua DL-65 Top PU		0.75 l	2.5 l
Aqua DL-65/matt			
white (RAL 9016)	7200	•	-
special colour	7201	•	-
Base A*	015100	-	-
Base B**	015101	•	-
Base C***	015102	•	-
Aqua DL-65/silk matt			
white (RAL 9016)	7202	•	-
special colour	7203	•	-
Base A*	015103	-	-
Base B**	015104	-	-
Base C***	015105	-	-
Aqua DL-65/silk gloss			
white (RAL 9016)	7204	•	-
special colour	7205	•	-
Base A*	015106	•	-
Base B**	015107	•	-
Base C***	015108	-	-



Aqua OWF-68/tm Weather Protection Oil Finish [eco]

Water-based opaque paint made from renewable raw materials for interior and exterior wood

		*Use biocides safely	. Always
Overcoating	 After approx. 6 hours (practice values at 20 °C and 65% RH) 	Induline SW-910	(37
	2x Aqua AG-26 & 1x Aqua OWF-68/tm [eco] Medium and dark colours: 2 coats	Aqua AG-28-2K	(71
	 White and light colours: 3 coats Alternative for even greater protection: 	Aqua AG-26	(71
Application rate	 Approx. 75 ml/m² per coat 	Aqua OZA-90	(53
	 Cleaning Concentrate Dispose of cleaning residues correctly 	Aqua IG-15*	(71
Tools/cleaning	 Acrylic paintbrush, flat brush Flow cup gun, airless/airmix spraying equipment Clean tools immediately after use with water or Aqua RK-898 	System products	Art.
Property profile	 Water-based, very low solvent content Block resistant (in accordance with Code of Practice H0.03) Non-drip Good flow properties Elastic No flaking Weather-resistant and UV-resistant Reduces discolouration due to water-soluble substances in the wood Made from at least 70% renewable raw materials Tested bee-friendly formula Cloth matt 		
Range of use	 For use on interior and exterior wood Dimensionally stable wood building elements: e.g. windows and doors Wood building elements with limited dimensional stability: e.g. folding shutters, matchboarding, summerhouses Wood building elements with no dimensional stability: e.g. fences, framework, carports, planking Primer, intermediate coat and finishing coat Wooden bee boxes, beehives, other wood elements used in beekeeping 	remmerse	0

Aqua OWF-68/tm Weather Protection Oil Finish [ecc		2.5 l	5 l
white (RAL 9016)	7740	•	•
special colours	7741	-	•
Base B*	015176	•	•
Base C**	015177	•	•





System products	Art. no.
Aqua IG-15*	(7145)
Aqua OZA-90	(5320)
Aqua AG-26	(7147)
Aqua AG-28-2K	(7160)
Induline SW-910	(3777)

read the label and product information before use.













Interior wood finishing

Dirt-repellent, water-repellent and highly durable coatings for wood surfaces in living areas

Dirt, moisture and mechanical stresses all take a heavy toll on wood surfaces. Parquet flooring and wooden stairs in particular require a special protective coating. Remmers products for interior wood finishing emphasise the natural beauty of the wood while also preserving the appearance and stability of the material over the long term. **These coatings are compatible with a healthy living environment, dirt-repellent and water-repellent, and resistant to mechanical stresses as well as conventional household chemicals.**

Customer benefits in detail:

- Low emissions & healthy: tested according to AgBB
- Hard-wearing surfaces
- Efficient application



Aqua PL-413 Parquet Varnish Clear 1K sealing varnish for roller application



HSO-118 High Solid Oil [eco] High-solid wood finish made from renewable raw materials, for one-time application



HWS-112 Hard Wax Seal Durable 1K wood sealer for a natural look and two-time application



OB-008 Oil Stain Solvent-based linseed oil stain with a very long open time

Aqua PL-413 Parquet Varnish

Clear 1K sealing varnish for roller application

Aqua PL-413 Parquet Varnish	5l 10l	回辺
Overcoating	 After approx. 4 hours (practice values at 20 °C and 65% RH) 	5.24
Application rate	 100 – 120 ml/m² per coat 	Шşq
Tools/cleaning	 Microfibre sealant roller approx. 8-12 mm pile height, acrylic paintbrush Clean tools immediately after use with water and detergent Dispose of cleaning residues correctly 	(The second
Property profile	 Resistant to abrasion and scratches Excellent emphasis of the grain Very good resistance to water Good flow properties on horizontal surfaces 	
Range of use	 Interior wood For heavily used wood substrates in living areas Living areas (e.g. parquet, stair steps, floorboards) 	A second

Aqua PL-413 Parquet Varnish		5 l	10 l
Aqua PL-413/20 matt			
clear	2376	•	•
Aqua PL-413/30 semi-matt			
clear	2375	•	•
Aqua PL-413/50 silk gloss			
clear	2374	•	•





HSO-118 High Solid Oil [eco]

High-solid wood finish made from renewable raw materials

Range of use	 Interior wood Wooden floors and stairs Tabletops and worktops High-quality solid wood furniture Cork floors Panels and moulding Reduces the accumulation of dirt on natural stone kitchen worktops (oil, grease, household dirt, etc.) Sustainable building: suitable for building certifications DGnB, LEED, BNB 	Temmerse Hso-118	
Property profile	 3 in 1 oil: stain, oil and wax sealing coat Made from at least 90% renewable raw materials Food-safe: harmless upon contact with food Complies with the principles for health assessment of construction products in interiors (AgBB scheme) Slip-resistant Easy to apply Penetrates deeply into the wood and emphasises the grain Long-lasting, dirt-repelling and hard-wearing Good resistance against selected standard household substances as per DIN 68861, 1B (e. g. water, cola, beer, tea, coffee, wine & cleaning agents) A vegan product based on the information available to us Matt 	System products	Art. no.
Tools/cleaning	 Flat brush, short-pile (3-5 mm) velour or mohair roller, single-disc machine with white non-abrasive pad, wadded rags/lint-free cotton cloth, stainless steel/smoothing spatula 	Oiled Floor Care [eco]	(7699)
	 Clean tools with WV-891 Washing Thinner or V-890 Thinner. Dispose of cleaning residues correctly 	MultiSil	(7380)
Application rate	■ 50 - 70 ml/m² per coat	Repair Set	(4955)
	The application rate depends heavily on the absorbency of the wood and the final sanded finish. For every coat, remove excess material after approx. 20-30 minutes using a lint-free cotton cloth	MERRERS Grant Merrin Langer Merrin Langer Merrin Langer Merrin Langer 2 (197, 197, 197, 197, 197, 197, 197, 197,	FDOD-SAFE
Overcoating	 After drying overnight (practice values at 20 °C and 65% relative humidity) 		CULARLY CONPAT

HSO-118 High Solid Oil [eco]		0.75 l	2.5 l	10 l
intense white (RC-995)	7701			
nutwood (RC-660)	7702	•		
light oak (RC-365)	7703	•		
teak (RC-545)	7704	•		
ebony (RC-790)	7705	•		
silver grey (RC-970)	7706	•		
natural effect	7707	•	•	
clear	7708	•	•	•
special colours	7709	•	•	•



HWS-112 Hard Wax Seal

Durable 1K wood sealer for a natural look and two-time application

Range of use	 Wood in living areas Furniture and interior fittings Wooden floors and stairs Tabletops and worktops Ship interior finishing Bath and sauna elements No removal of excess Cork floors Bamboo components 	Permiting and	
Property profile	 Fast drying Resistant to abrasion and scratches Resistant to chemicals: DIN 68861, 1B Slip-resistant Very low tendency to become glossy Natural look and feel Fire resistant As attractive as an oil, as reliable as a varnish Cloth matt 		
Tools/cleaning	 Short-pile (3-5 mm) velour or mohair roller, flow cup gun, airless/airmix spraying equipment, filling knife Clean tools immediately after use with V 101 Thinner 		
	 Dispose of cleaning residues correctly 	System products	Art. no.
Overcoating	 Spraying: after approx. 6 hours 	OB-008 Oil Stain	(2787)
	 Roller: after approx. 14 hours (practice values at 20 °C and 65% relative humidity) 	Oiled Floor Care [eco]	(7699)

HWS-112 Hard Wax Seal		11	5 l	20 l
clear	1826			•
special colours	1829		-	•







OB-008 Oil Stain

Solvent-based linseed oil stain with a very long open time

Range of use	 Interior wood Especially for use on softwood and coarse-pored wood (e.g. oak) Wooden floors and stairs Furniture and interior fittings For use under finishes on an oil, wax or alkyd resin base Alone: as impregnation/tinting oil on surfaces with low loading 		
Property profile	 Ready-to-use base colours that can be mixed with each other Long open time for streak-free application (on large surfaces) Intense colouring Made from renewable raw materials (linseed oil and natural resin) Cobalt-free and MEKO-free 		
Tools/cleaning	 Flat brush, short-pile (3-5 mm) velour or mohair roller, single-disc machine with white non-abrasive pad, wadded rags/lint-free cotton cloth, stainless steel/smoothing spatula Clean tools immediately after use with V 101 Thinner Dispose of cleaning residues correctly 		
Application rate	 40 - 80 ml/m² The application rate depends heavily on the absorbency of the wood and the final sanded finish. For every coat, remove excess material after approx. 20-30 minutes using a lint-free cotton cloth 	System products	Art. no.
Overcoating	 After approx. 12 hours (practice values at 20 °C and 65% RH) 	HSO-118 [eco]	(7708)
		HWS-112	(1826)

OB-008 Oil Stain		11	5 l
clear	2787	•	
intense white (RC-995)	2788	•	
nutwood (RC-660)	2789	•	
light oak (RC-365)	2790	•	
teak (RC-545)	2791	•	
ebony (RC-790)	2792	•	
silver grey (RC-970)	2793	•	
special colours	2794	•	•





Supplementary products

Supplementary products and accessories for an even better and longer-lasting result



Aqua MR-91 Multi-Purpose Cleaner Water-based cleaner for plastics and metals



AGE Paint stripper and graffiti remover



Induline 2K Filler For filling deep uneven areas



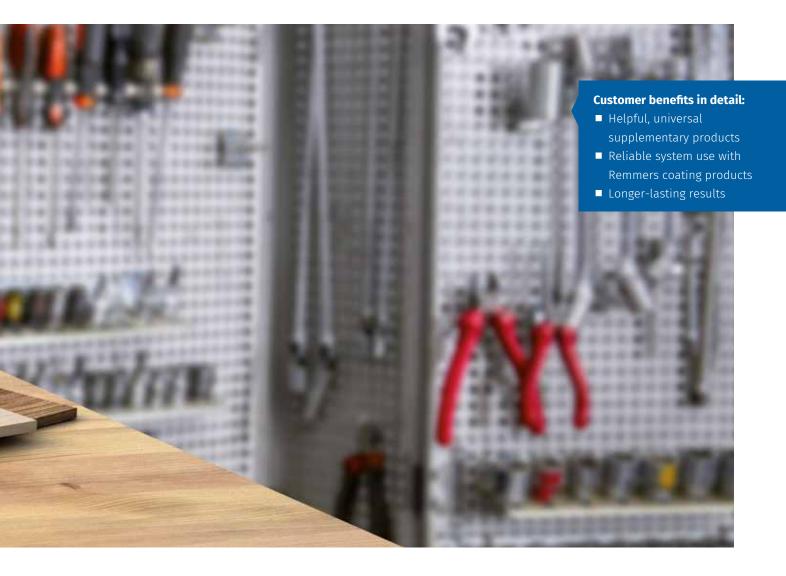
Induline Fast Filler Dispersion-based 1K filler



V 101 Thinner Cleaning and thinning agent



Protect MKT 1 Adds algicidal and fungicidal action to MB 2K, dispersion lacquers and water-based varnishes





Aqua OZA-90 Open Time Additive Drying inhibitor for water-based stains, coatings and varnishes



Smoothing Agent Concentrate for smoothing sealants



Silicone Remover Special cleaner and silicone remover based on a combination of organic acids



MultiBond Express Clear, universal, high-strength PUR adhesive



Induline SW-910 Water-based end-grain wood protection



Acryl 100 Premium acrylic sealant, quickly becomes rain-proof



Aqua RK-898 Cleaning Concentrate Highly effective cleaning product for tools and equipment



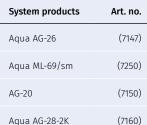
MultiSil Universal alkoxy-crosslinking silicone sealant

Aqua MR-91 Multi-Purpose Cleaner

Water-based cleaner for plastics and metals

Application rate	As needed		L
Tools/cleaning	Abrasive cloth, abrasive spongeClean tools immediately after use with water.	- RE2	£.
Property profile	 Good cleaning action High washing activity Ideal for substrate pre-treatment Solvent-free and environmentally compatible Biodegradable 		
Range of use	 Preparing plastic and metal surfaces Rigid plastics: Rigid PVC, PUR, acrylic and melamine resin Metal components: e.g. fences, frames, railing, down pipe, trapezoidal metal sheet, metal shuttering, radiators Removing dirt, encrusted dirt, dust, oil and grease deposits Not suitable for ferrous metals For professional users 		

7259



AGE Paint stripper and graffiti remover

Range of use	 Dissolving dispersion and pure acrylate varnishes, synthetic resin, nitro and spirit varnishes, matting, polishes and graffiti Wood surfaces, metal and mineral substrates 	
Property profile	 Paste form Highly effective Long open working time Free from N-methyl pyrrolidone & chlorinated hydrocarbons, alkali-free Biodegradable 	AGE AGE
Tools/cleaning	 Paintbrush, flat brush (no synthetic bristles), airless spraying equipment Clean tools immediately after use with water. 	1 31197
Application rate	 Approx. 0.3 – 0.5 l/m² per coat 	
AGE	12 x 0.75 l 5 l 25 l	156
	1368 📕 📕 📕	ШN8

Induline Fast Filler

Dispersion-based 1K filler

Induline Fast Filler	0.4 kg
Overcoating	 After approx. 3 hours (practice values at 23 °C and 60% RH)
Application rate	 As needed
Tools/cleaning	 Rigid plastic or stainless steel filling knife Clean while wet with water or use Aqua RK-898 Cleaning Concentrate to remove stubborn deposits.
Property profile	 Dries quickly with low shrinkage Easy to sand Good build Solvent-free and environmentally compatible
Range of use	 Repair work Preparing for coating work on wood, wood-based materials and mineral substrates For filling porous substrates and defective areas For professional users





Thinner V 101

Cleaning and thinning agent

Property profile Good cleaning action Good thinning action Application rate As needed (see Technical Data Sheet)





Protect MKT 1

Adds algicidal and fungicidal action to MB 2K, dispersion paints and water-based varnishes

Range of use	 MB 2K film preserver for protection against algae and fungal growth, in particular green algae Film preserver in dispersion paints and stains for protection against mould and algae growth Resistance against leaching and UV radiation
Property profile	 Very good action against fungi, algae and yeast Water-based preservative Long-term stability thanks to deposit effect
Application rate	 Dependent on application
Protect MKT 1	100 ml
	3024



System products	Art. no.
Aqua MSL-45/sm	(7130)
Aqua DL-65	(7200)
Aqua VL-66/sm	(7090)
Rofalin Acrylic	(2330)

Induline 2K Filler

For filling deep uneven areas

Range of use Property profile	 Interior and exterior wood Windows, doors, laminated wood, furniture etc. Other substrates: sheet steel, cast iron and aluminium, chipboard Elastic, polyester-based 2K fine filler Reduced styrene content Easy to smooth off Good build Easy to sand 	Profiles Marcala Caster Total Caster Tota
	Low volume shrinkageColour: spruce	
Tools/cleaning	 Filling knife Clean tools with WV-891 Washing Thinner or V-890 Thinner Dried-on residue can only be removed mechanically 	
Application rate	As needed	1936-01
Overcoating	■ After approx. 20 – 25 minutes (practice values at 23 °C and 60% RH)	

Induline 2K Filler		500 g
spruce	3261	•

Aqua OZA-90 Open Time Additive

Drying inhibitor for water-based stains, coatings and varnishes

Range of use	 Extends the open time for w Particularly suitable for brus For preventing streaking at h humidity Large surface areas 	<u> </u>	
Property profile	 Inhibits drying Optimises flow Enables streak-free applicati Reduces viscosity 	on	
Application rate	 Add 3-5% to water-based coa 	atings	
Aqua OZA-90 Open Time Additive		4 x 1 l	
	5320	•	

System products	Art. no.
Rofalin Acrylic	(2330)
Aqua DSL-55	(7220)
Aqua VL-66/sm	(7090)
Aqua DL-65	(7200)
Aqua MSL-45/sm	(7130)

Silicone Remover

Cleaner for removing silicone residues

	7799		1275223 -
Silicone Remover		200 g	
Application rate	 Dependent on ar 	nount of silicone to remove	
Tools/cleaning	PaintbrushClean tools imme	ediately after use with V 101 Thinner.	
Property profile	Highly effectiveLow odourSolvent-based		remmers
Range of use	•	ned silicone residues le streaks on windows	

Induline SW-910

Water-based end-grain wood protection

3775

		_
Range of use	 For use on interior and exterior wood Softwood and hardwood Dimensionally stable wood building elements: e.g. windows and doors Wood building elements with limited dimensional stability: e.g. folding shutters, matchboarding, summerhouses Wood building elements with no dimensional stability: e.g. folding shutters, matchboarding, summerhouses Wood building elements with no dimensional stability: e.g. fences, framework, carports, planking Moisture protection for cut surfaces and end-grain wood Edge coating and sealing for board materials (e.g. screen printing plates) Full-surface moisture protection for front door panels made of exterior grade MDF/Tricoya Full-surface protection of wood exposed to pollutants in indoor areas and in a system with PU Wood Strengthener 	
Property profile	 Film-forming Repels water Elastic Inhibits diffusion Effective restriction of volume increase due to moisture in treated wood Can be overcoated with conventional coating systems 	
Tools/cleaning	 Acrylic paintbrush, microfibre paint roller, airless/airmix spraying equipment Clean tools immediately after use with water and detergent Dispose of cleaning residues correctly 	
Application rate	 Approx. 100 ml/m² depending on the absorbency of the substrate 	
Overcoating	 After approx. 2 hours (practice values at 20 °C and 65% relative humidity) 	
Induline SW-910	0.5 l 2.5 l 20 l	
clear	3777	

-

60

special colours

Aqua RK-898 Cleaning Concentrate

Highly effective cleaning product for tools and equipment

Range of use Property profile	 Spraying equipment, overhead conv spraying machines etc. Cleaning tools High-yielding concentrate Removes freshly splashed Aqua vari Does not attack the surfaces of ano (e.g. flow cup guns) 	nishes quickly and easily	reminers
Application rate	 Depending on needs and level of co 10% solution in water for normal co 20% solution in water for heavy con Undiluted for stubborn contaminati 	ntamination tamination	
Aqua RK-898 Cleaning Concentrate	51	30 l	
	3868	•	1218-1448

Smoothing Agent Concentrate for smoothing sealants

Smoothing Agent	1 kg
Application rate	 As needed
Tools/cleaning	Paintbrush, filling knifeClean tools immediately after use with water.
Property profile	 High-yielding concentrate
Range of use	 For smoothing fresh silicone, PU and MS hybrid polymer sealants







MultiBond Express Clear, universal, high-strength PUR adhesive

Range of use	 Interior and exterior areas Suitable for universal use Wood, metal, ceramics, PVC, polystyrene and glass Assembling furniture, panels, moulding and door linings Gluing wooden windows and doors 	Network
Property profile	 Single component Solvent-free High adhesive strength, no staining Invisible bonds Water-resistant according to DIN EN 204: D4 Does not run off, evens out surface irregularities 	
Tools/cleaning	 Hand-held and compressed air guns Clean while wet with thinner and brush cleaner or V 101, can only be removed mechanically once dry 	
Application rate	 Approx. 5 - 15 g/m² if applied in strips, approx. 50 g/m² if applied in dots 	1222GA3
Overcoating	 After min. 60 minutes (practice values at 20 °C and 65% RH) 	

MultiBond Express		15 x 310 ml
clear	1571	•

Acryl 100 Premium acrylic sealant, quickly becomes rain-proof

Range of use	 Sealing dimensionally stable building elements Closing cracks Repairing facades, masonry, render and wood surfaces Low-strength materials e.g. aerated concrete, gypsum building materials Wood/wood joints, in particular in log cabin construction 	
Property profile	 Can be overcoated Quickly becomes rain-proof Elastoplastic Solvent-free 	
Tools/cleaning	 Hand-held and compressed air guns, filling knife, adhesive tape With soapy water while wet. 	ाना के ल ा ज
Application rate	 Approx. 100 ml/m for a 1 cm² joint cross-section 	
Overcoating	 After approx. 15 minutes (practice values at 23 °C and 50% RH) 	

Acryl 100		12 x 310 ml	12 x 600 ml
grey	7360	•	•
white	7370	•	•
special colours*	7375		•
*On request			



System products	Art. no.
Compressed Air Sealant Gun	(4707)
Sealant Gun	(4706)
Round Cord	(4260)
Sealant Gun	(4701)

MultiSil Universal alkoxy-crosslinking silicone sealant

Range of use	 Glazing work – especially in wood window manufacturing Expansion and connection joints in buildings and sanitary areas Waterproofing in roof areas Metal and sheet metal processing Interior fittings, parquet etc. Mounting of mirrors and plexiglass 	ninger
Property profile	 Wear-resistant and streak-free Coating-compatible as per DIN 52452, Part 4 Film preserver protects against microbial damage Extremely strong adhesion No need for an adhesive primer on many substrates 	
Tools/cleaning	 Hand-held and compressed air guns, filling knife, adhesive tape 	- Elizar
Application rate	 Approx. 100 ml/running metre for a 1 cm² joint cross-section 	- 3.5AB
Coverage	 310 ml will cover approx. 3 m 	
Overcoating	 Skin formation: approx. 8 minutes (practice values at 23°C and 50% RH) Hardening: approx. 2 mm/day (practice values at 23°C and 50% RH) 	EIDER

MultiSil		12 x 310 ml	12 x 600 ml
window grey	7378	•	•
cement grey	7379	•	
transparent	7380	•	•
white	7381	•	•
medium brown	7382	•	•
brown	7385	•	
dark brown	7386	•	•
black	7387	•	•
manhattan	7388	•	•
dark grey	7390	•	•
light grey/silver grey	7391	•	•
medium grey	7392	•	•
oregon	7395	•	•
special colours*	7389	-	•
* 600 ml on request			







white

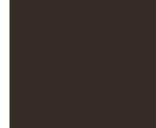
window grey



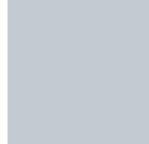
brown



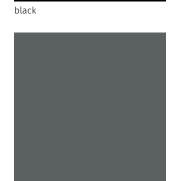
dark grey



dark brown



light grey/silver grey



medium grey



oregon

manhattan

A dazzling array of colours

Opaque & translucent colours

Fully automatic Colour concept Customisable colour blending with the remmers-mix

mixing system and COLORCATCH NANO

Alongside the conventional standard colours, almost all coatings in this range are available in custom colour blends. With the innovative COLORCATCH NANO measuring equipment, the colour can be configured based on a sample, for example. Then, the remmers-mix mixing system gives the chosen product variant the desired colour.

The benefits for paint wholesalers and painters

- Easy blending and management of colours with the innovative COLORCATCH NANO
- Solvent- and water-based products can be easily coordinated with an existing system
- Extensive database of colour formulations for the remmers-mix mixing system

Picking a colour with COLORCATCH NANO

The innovative COLORCATCH NANO technology offers a range of functions to help find the perfect colour:

1. Scanning a colour

COLORCATCH NANO can be used to determine the colour of smooth, textured or patterned surfaces, such as walls, textiles and wood. The integrated calibration system automatically detects and extracts up to five colours and simply sends the colour values as RGB, CMYK or LAB to a smartphone, tablet or PC.

2. Applying colour to a component

The Remmers Color Studio App makes it possible to photograph a component ready for colour configuration with Remmers product solutions, and apply virtual colour based on any colour card desired. This means that a clear idea of the final colour result can be obtained without needing to apply even a single splash of paint.

3. Data exchange

All the information and data collected (colours, component photographs, notes, etc.) can be saved and transferred between different users and devices.

Individual tinting of coatings and paints on site

Whether you are using water-based or solvent-based paints or coatings – tailored colour solutions are available for the wealth of Remmers applications on offer.



Opaque and translucent standard colours

Impregnations and primers



Low-build stains / medium-build stains / high-build stains



Aqua NEL-56/tm

HSL-30/m



clear UV+ Aqua MSL-45/sm MSL-40/sm



Aqua HSL-35/m HSL-30/m Aqua MSL-45/sm



Aqua HSL-35/m HSL-30/m Aqua MSL-45/sm Aqua DSL-55/sg



rustic oak (RC-360)

Aqua OML-48/tm

Aqua DSL-55/m

HSL-30/m



pine/larch (RC-260) Aqua HSL-35/m Aqua NEL-56/tm Aqua MSL-45/sm HSL-30/m teak (RC-545) Aqua HSL-35/m Aqua DSL-55/sg Aqua MSL-45/sm HSL-30/m



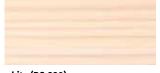


chestnut (RC-555) HSL-30/m





Aqua HSL-35/m Aqua DSL-55/sg Aqua MSL-45/sm HSL-30/m



white (RC-990)

Aqua HSL-35/m HSL-30/m Aqua MSL-45/sm



silver grey (RC-970) Aqua HSL-35/m HSL-30/m Aqua OVL-49/tm



platinum grey (FT-26788) HSL-30/m

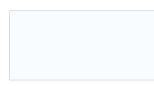
photo are possible. Therefore, the product must always be tested on a trial area prior to coating so that the colour can be assessed



graphite grey (FT-25416)

Please note: The colours shown in this brochure have been scanned very carefully in order to reflect the original as closely as possible. However, minor variations between the original and the

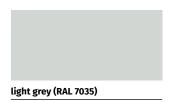
Weather protection paints, white and coloured varnishes



white (RAL 9016)

Aqua VL-66/sm Rofalin Acrylic Aqua OWF-68/tm Plus Aqua ML-69/sm Rofalin Acrylic Aqua DL-65/m/sm/sg **cream (RAL 9001)** Aqua VL-66/sm

Rofalin Acrylic



Aqua VL-66/sm Rofalin Acrylic



Rofalin Acrylic



fir green (RAL 6009)

Aqua VL-66/sm Rofalin Acrylic **moss green (RAL 6005)** Aqua VL-66/sm Rofalin Acrylic





Rofalin Acrylic



Aqua VL-66/sm Rofalin Acrylic

black Rofalin Acrylic

Interior wood finishing



Aqua PL-413/m HWS-112 Aqua PL-413/sm HSO-118 [eco] Aqua PL-413/sg OB-008



teak (RC-545)

HSO-118 [eco] OB-008



HSO-118 [eco]

nutwood (RC-660)

HSO-118 [eco]

OB-008



HSO-118 [eco] OB-008

ebony (RC-790)

HSO-118 [eco]

OB-008



light oak (RC-365) HSO-118 [eco] OB-008



silver grey (RC-970)

HSO-118 [eco] OB-008



Don't see the colour you need? You can find many more options in the colour collection "Remmers design ideas for wooden surfaces".

Wood expertise

Threats & design-based protection

emmei

Wood's natural enemies

The process of wood damage due to moisture, blue stain and rot

UV radiation

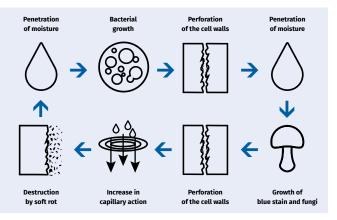
It is not just the sun's heat that wood surfaces are subjected to, but also its ultra-violet radiation, which penetrates into the wood. When combined with precipitation, it can change the colour of unprotected wood in just a few weeks or months, giving the wood a silvery grey appearance. Fine, upright wood fibres then also begin to appear on the wood surface, and the wood loses strength. Most unwanted changes to the colour and surface properties can be prevented by using pigmented coatings. MSL-40 and Aqua MSL-45 in the colour clear UV+ now also let you apply a clear coating to wood in outdoor areas that contains a highly effective UV blocker to delay greying of the wood.

Algae

Wooded and tree-lined areas have a particularly high concentration of these lower organisms, which cause green discolouration and other optical damage on exterior wood. HSL-30, MSL-40 and Aqua HSL-35 act as an algicide and prevent premature green discolouration. Other waterbased coatings in this range can also be given algicidal properties if desired by mixing with Protect MKT 1.

Blue stain

Blue stain is a type of wood-discolouring fungus and takes the form of blue-black discolouration. Blue stain does not damage the wood but merely affects its aesthetic appearance. However, blue stain can be a precursor to wood-damaging fungi (soft rot) because it perforates the cell walls and creates favourable conditions for greater water uptake in the wood (capillary action).



Soft rot

Soft rot is the most dangerous type of harmful fungus. It destroys the structure of the wood, causing it to lose its stability and to rot.

Wood-destroying insects

In addition to discolouring and destructive fungi, wood also has to contend with animal pests. The European house borer, for example, is one of the most dangerous wood-destroying insects in temperate zones and predominantly attacks softwood. It lays its eggs in cracks in the wood and the larvae gnaw into the outer layers. Other wood-destroying insects generally cause damage in the same way, by laying their egg in or on the wood. The larva – the true culprit of the wood damage – then emerges from the egg.

Moisture

Exterior wood is constantly exposed to moisture: rain, dew, condensate etc. increase the moisture content, while evaporation decreases it. This causes cracks in the surface. Moisture penetrates through these cracks or via diffusion, and must leave the wood again otherwise it will accumulate under the surface, creating the perfect conditions for blue stain and wood-destroying rot.

It is therefore important to choose the right coating for the wood building element:

- In the case of windows and doors, the dimensional stability of the component is especially important.
 For this reason, film-forming stains are used here. The coating prevents moisture from penetrating, avoiding situations where the component changes shape due to swelling and shrinking and therefore can no longer be opened and closed properly, for example.
- For components with no dimensional stability, such as boarding and fences, the penetration of moisture e.g. via the end faces of the wood or due to cracks cannot be completely avoided. Here, the use of low-build stains is preferred, so that the wood can breathe and the moisture can escape.



The durability of wood types

When to use a wood finish - and when to apply additional protection?

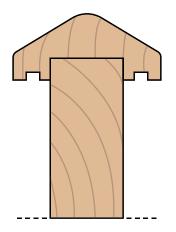
Depending on the durability of the wood type used, a chemical preservative may be necessary for wood in outdoor areas. Durable and highly durable woods generally only require finishing with biocide-free products. Moderately durable to nondurable woods will also require a chemical preservative e.g. to protect against blue stain and soft rot. The classification of wood types is not just based on the heartwood – commonly used woods generally also contain a proportion of sapwood, which is not durable.

These woods therefore should not be used outdoors without a chemical preservative.

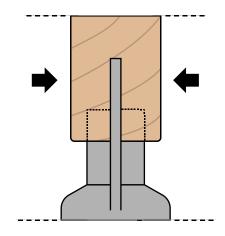
very durable	durable	
1	2	2-3
 Doussié Bangkirai Teak Basralocus Bilinga Afzelia 	obinia • Bongossi Iak lestern red edar	 Sipo mahogany Dark red meranti American white oak Niangon Framire
cedar	preservative not ne	merant Americ white c Niango Framire

Wood protection by design How to make sure that moisture has no chance to attack

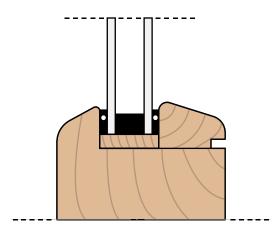
Sustained exposure to moisture is the main culprit behind the growth of fungi that cause damage and discolouration to wood. In order to minimise the likelihood of this happening, exterior wood building elements must be designed such that contact with water can be largely avoided. If this is not possible, it must be ensured that the wood can dry out again quickly. Standing water around timber constructions should also be avoided. Design-based protection measures include, for instance, ensuring that roof overhangs are sufficiently large, avoiding direct contact with the soil (remember to take splashing water into consideration), positioning surfaces at an angle, rounding off edges, and providing coverings for horizontal surfaces. An even greater level of protection can be achieved by impregnating the wood with an approved wood preservative before applying the decorative coating if desired.



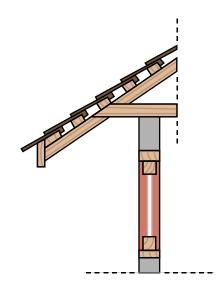
Providing covers and avoiding horizontal wood surfaces offers preventive protection against all types of moisture damage.



To keep wood structures away from ground moisture, standing water and splashing water, they are mounted on metal supports.



Rounded and slanted edges and surfaces make it easier for water to run off and can be used to protect wooden windows and doors, for example.

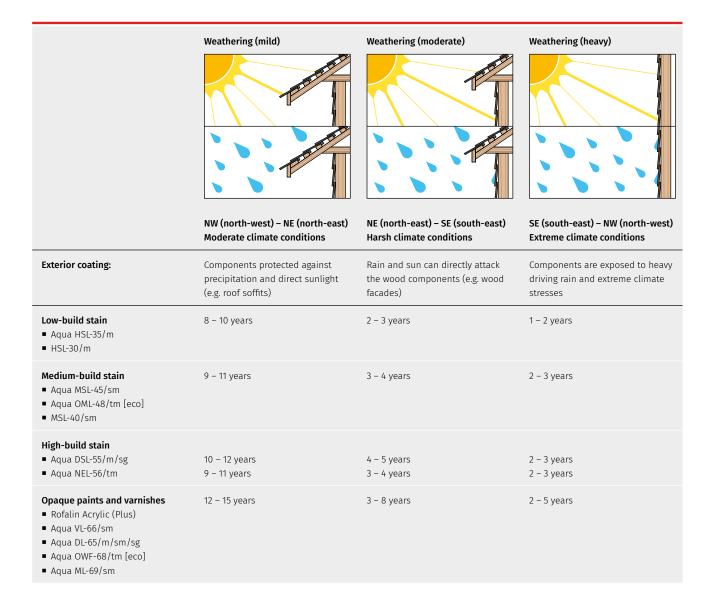


Large roof overhangs provide excellent protection for wood structures and facades, as well as wooden doors and windows.

The system solutions

Perfect coatings the quick and easy way

Maintenance intervals for wood coatings



Product systems for exterior wood

Translucent systems

Product basis	Dimensionally stable wood	Limited dimensional stability	No dimensional stability
	 Windows Exterior doors Conservatories 	 High-value matchboarding Eaves cladding/gable ends Strut frames, laminated timber, purlin heads, rafters Exterior gates, balconies, framework, folding shutters Exclusive summerhouses and country houses High-value garden timber Wood-based panels as facade elements 	 Simple garden timber such as rustic fences, boardwalks Privacy screens, pergolas, carports etc. Play equipment Sheds, barns Rustic cladding, planking
water-based 3 in 1 Wood Protection Stain: matt	-	2 – 3× Aqua HSL-35/m	2 – 3× Aqua HSL-35/m
Medium Build Stain: universal, non-drip, block resistant	2 – 3× Aqua MSL-45/sm UV+ ^(3, 4, 5, 6)	2 – 3× Aqua MSL-45/sm UV+ ^(3, 4, 5, 6)	2 – 3× Aqua MSL-45/sm UV+ ^(3, 4, 5, 6)
High Build Stain: block resistant, various gloss levels	2 – 3× Aqua DSL-55/m/sg ^(3,4,5,6)	2 – 3× Aqua DSL-55/m/sg ^(3, 4, 5, 6)	-
Natural Effect Stain: block resistant, cloth matt	2× Aqua NEL-56/tm ^(3, 4, 6)	-	-
sustainable [eco] Medium Build Stain:	2 – 3× Aqua OML-48/tm [eco] ^(3, 4, 5)	2 – 3× Aqua OML-48/tm [eco]	2 – 3× Aqua OML-48/tm [eco]
Pre-greying, cloth matt	-	2 – 3× Aqua OVL-49/tm [eco]	2 – 3× Aqua OVL-49/tm [eco]
solvent-based 3 in 1 Wood Protection Stain: matt	-	2 – 3× HSL-30/m	2 – 3× HSL-30/m
Medium Build Stain: universal, non-drip, block resistant, silk matt	2 - 3× MSL-40/sm ^(1, 2, 5)	2 - 3× MSL-40/sm ^(1, 2, 5)	2 - 3× MSL-40/sm (1.2.5)

Please note: Coating recommendations are based on untreated wood. If repairing, 1 - 2 coats of the specified product will usually suffice.

1 If biocidal protection against fungi is desired, the wood can be impregnated with 1× HSL-30/m Premium Wood Protection Stain.

2 For greater protection against insects and termites, IG-10 Impregnation Primer IT (approved wood preservative) can be used.

3 If biocidal protection against fungi is desired, the wood can be impregnated with 1× Aqua HSL-35/m Premium Wood Protection Stain.

4 Or even greater protection (against insects), Aqua IG-15 Impregnation Primer IT (approved wood preservative) can be used.

5 If necessary, pre-treat discoloured old wood coatings with Aqua RG-27 Renovation Primer.

6 If necessary, add 1% Protect MKT 1 to protect against mould and algae (dispersion paints and water-based stains).

7 Aqua AG-26 Universal Primer can be used for even greater protection against substances in the wood and as a bonding layer on problematic substrates (e.g. metal, rigid PVC).

8 AG-20 Universal Primer can be used for wood containing high levels of substances that can cause staining and exotic wood.

Opaque systems

Product basis	Dimensionally stable wood	Limited dimensional stability	No dimensional stability
	WindowsExterior doorsConservatories	 High-value matchboarding Eaves cladding/gable ends Strut frames, laminated timber, purlin heads, rafters Exterior gates, balconies, framework, folding shutters Exclusive summerhouses and country houses High-value garden timber Wood-based panels as facade elements 	 Simple garden timber such as rustic fences, boardwalks Privacy screens, pergolas, carports etc. Play equipment Sheds, barns Rustic cladding, planking
water-based Weather Protection Paint: matt	-	2× Rofalin Acrylic (Plus) (4, 7, 8)	2× Rofalin Acrylic (Plus) (4, 7, 8)
3 in 1 Varnish: block resistant, silk matt	2 – 3× Aqua VL-66/sm (4)	2 – 3× Aqua VL-66/sm (4)	2 – 3× Aqua VL-66/sm (4)
3 in 1 Multi-Purpose Varnish	-	2 – 3× Aqua ML-69/sm	2 – 3× Aqua ML-69/sm
Topcoat: block resistant, various gloss levels	2 – 3× Aqua DL-65/m/sm/sg (4, 7)	2 – 3× Aqua DL-65/m/sm/sg (4, 7)	-
sustainable [eco] 3 in 1 Paint: block resistant, cloth matt	2 – 3× Aqua OWF-68/tm [eco] ^(3,4)	2 – 3× Aqua OWF-68/tm [eco] ^(3,4)	2 – 3× Aqua OWF-68/tm [eco] ^(3,4)

Note: Coating recommendations are based on untreated wood. If repairing, 1 – 2 coats of the specified product will usually suffice.

Non-wood substrates

Product basis	Iron and steel	Zinc and galvanised steel	Aluminium (not anodised)	Rigid plastics	Powder-coated components	Mineral substrates
	 Fences Frames Railing Corrugated sheet metal 	 Roof parapets Downpipes Gutters	 Aluminium profiles 	 Rigid PVC PUR Acrylic Melamine resin 	 Corrugated sheet metal Metal cladding Radiators 	 Concrete Render Masonry Sand-lime brick
water-based 3 in 1 Multi- Purpose Varnish	3× Aqua ML-69/sm 3in1	2 – 3× Aqua ML-69/sm 3in1	2 – 3× Aqua ML-69/sm 3in1	2 – 3× Aqua ML-69/sm 3in1	2 – 3× Aqua ML-69/sm 3in1	2 – 3× Rofalin Acrylic

Note: please refer to the Technical Data Sheet for detailed information on substrate preparation.

Systems for non-wood substrates

Product basis	Iron and steel	Zinc and galvanised steel	Aluminium (not anodised)	Rigid plastics	Tiles, ceramics, glass
	 Fences Frames Railing Corrugated sheet metal 	Roof parapetsDownpipesGutters	 Aluminium profiles 	 Rigid PVC PUR Acrylic Melamine resin 	Wall tilesBacksplashGlass panes
water-based	1 – 2× Aqua AG-26 Universal Primer 1× Aqua DL-65	1 – 2× Aqua AG-26 Universal Primer 1× Aqua DL-65	1 – 2× Aqua AG-26 Universal Primer 1× Aqua DL-65	1 – 2× Aqua AG-26 Universal Primer 1× Aqua DL-65	1× Aqua AG-28 Universal Primer 2K 1× Aqua DL-65

Note: please refer to the Technical Data Sheet for detailed information on substrate preparation.

Product systems for interior wood

Varnished, clear

Product basis	Ceiling and wall panelling	Furniture, interior doors and children's toys	Tables and worktops, wood flooring (steps, parquet and cork)
water-based	2× Aqua PL-413	2× Aqua PL-413	2 – 3× Aqua PL-413

Translucent

Product basis	Ceiling and wall panelling	Furniture, interior doors and children's toys	Tables and worktops, wood flooring (steps, parquet and cork)
water-based	2 – 3× Aqua MSL-45/sm	2 – 3× Aqua MSL-45/sm	-
	2 – 3× Aqua DSL-55/m/sg	2 – 3× Aqua DSL-55/m/sg	-
	2× Aqua NEL-56/tm	2× Aqua NEL-56/tm	-
sustainable [eco]	2 – 3× Aqua OML-48/tm [eco]	2 – 3× Aqua OML-48/tm [eco]	-

Oiled, transparent

Product basis	Ceiling and wall panelling	Furniture, interior doors and children's toys	Tables and worktops, wood flooring (steps, parquet and cork)
sustainable [eco]	1 – 2× HSO-118 [eco]	1 – 2× HSO-118 [eco]	2× HSO-118 [eco]
solvent-based	2× HWS-112 ⁽³⁾	2× HWS-112 ⁽³⁾	2× HWS-112

Opaque

Product basis	Ceiling and wall panelling	Furniture and interior doors	Tables and worktops, wood flooring (steps, parquet and cork)
water-based	2 – 3× Rofalin Acrylic (1)	-	-
	2 – 3× Aqua VL-66/sm ^(1, 2) 2 – 3× Aqua ML-69/sm	2 – 3× Aqua VL-66/sm ^(1, 2)	-
	-	2 – 3× Aqua DL-65/m/sm/sg ^(1, 2)	2 – 3× Aqua DL-65/m/sm/sg ⁽¹⁾
	-	-	1 – 2× Aqua PL-413 Parquet Varnish
sustainable [eco]	2 – 3× Aqua OWF-68/tm [eco] (1)	2 – 3× Aqua OWF-68/tm [eco] (1)	2 – 3× Aqua OWF-68/tm [eco] (1)

- 1 Aqua AG-26 Universal Primer can be used for even greater protection against substances in the wood and as a bonding layer on many other substrates (e.g. metal, rigid PVC).
- 2 AG-20 Universal Primer can be used for wood containing high levels of substances that can cause staining and exotic wood.
- ${\bf 3}\,$ Stain with OB-008 Oil Stain to achieve the desired colour.



General tips on use

The following tips will help you achieve the best possible result:

General handling and application

- When working on large-scale projects with a large number of containers, be aware that colour and viscosity may vary between batches. In order to eliminate this risk, mix all the material together or make sure that different batches are not used on the same surface.
- Before you put paints and stains into storage, check the use-by date. As a general rule, unopened original containers can be kept for around two years, depending on the product. Under optimum storage conditions (15° C, dry and dark), it may also be possible to keep containers for longer.
- Stir the material thoroughly from bottom to top. There should be no specks, flocculation or particles in the material, and the material should be homogeneous. Coatings that have been damaged by frost can be identified in this way.
- When using a brush or roller to apply material, eye and skin protection should be worn.
- Active ingredients and other constituents aside from the solvent (e.g. water) have no gas phase. However, when applying material by spraying, suitable respiratory protection should be worn in addition to skin and eye protection in accordance with the relevant safety data sheet due to the nebulisation effect and the aerosols that are generated as a result.

Suitable tools and cleaning

- An acrylic brush with synthetic bristles is recommended for water-based coating materials. This prevents the bristles from absorbing water and swelling.
- For solvent-based coatings, a brush with natural bristles is recommended.
- Generally speaking, suitable rollers must pick up and apply sufficient material depending on the required film thickness. For coatings, we recommend microfibre rollers with a pile height of 5 – 8 mm or foam rollers, depending on the desired surface quality.
- As a rule, tools can be cleaned by materials with the same base as the product used (water for Aqua products, thinner for solvent-based products). See the applicable Technical Data Sheet for more information.
- For optimum tool cleaning after using water-based products, use a mixture of warm water and our cleaning concentrate Aqua RK-898 (art. no. 3868). For optimum cleaning of solvent-based products, use V 101 (art. no. 0978).

Environmental and drying conditions

- As a rule, water-based coating materials should be used at temperatures between 15 and 25 °C (5 – 30 °C for solvent-based coating systems). Read the Technical Data Sheet in each case. The substrate, coating and air must all be at this temperature, and the correct temperature must be ensured until the product is completely dry.
- Always be aware that water-based products dry very quickly. It is therefore not recommended to use them at temperatures above 25 °C or in direct sunlight. The open time of selected products can be extended by adding Aqua OZA-90 Open Time Additive.
- If the temperature drops below the specified level, film formation and adhesion problems may occur, which promote premature weathering.
- The moisture content in new wood must be no more than 18% where there is no or limited dimensional stability, and between 11% and 15% for dimensionally stable elements. If a wood surface feels moist, it should not be coated. Inadequate penetration and absorption into the substrate will reduce the lifespan of the coating.

Adhesion to old coatings

- Before coating materials are used, an adhesion test should be performed on old coatings. Old coatings containing oil may reduce the adhesion, e.g. due to a high linseed oil content, and thus promote premature weathering.
- Adhesion test: To check the adhesion of a renovation coating, a scratch test must be performed on a trial area. If the coating detaches in large pieces when scratched with a knife or fingernail, this indicates inadequate adhesion. Better results can be achieved by sanding or priming (e.g. with Aqua AG-26, art. no. 7147). As the surface is damaged in this test, it should be carried out in an inconspicuous spot (e.g. under a cover or on an area that will be covered up later).

Sanding

- As a general rule, sanding the substrate improves the adhesion, even on new planed wood. This improves the lifespan of the surface until it is time for a top-up coat.
 Film-forming old coatings should always be sanded off with P100 – 150 grit.
- Fine intermediate sanding (P180 240) should be carried out between coat applications in order to achieve an optimum surface appearance (important: do not sand all the way through).

Thinning

- Generally speaking, Remmers paints and stains are ready to use. If the substrate is highly absorbent, the first coat can be thinned: use water for water-based coatings, Aqua OZA-90 for suitable products, and V 101 for solvent-based products. This can be done for example on weathered surfaces or rough-sawn wood. Thinning may also help if the ambient conditions (e.g. wind, sun) cause film-forming coatings to dry before they have levelled out properly. The information in the relevant Technical Data Sheet must be observed when thinning materials. Long storage times and keeping containers open for long periods may increase the viscosity (due to evaporation of the solvent) and necessitate thinning.
- Technical coatings (with a sealing effect or biocides) should not be thinned as the corresponding protection cannot be guaranteed at the lower concentrations, e.g. Aqua IG-15*, Aqua HSL-35/m*, Aqua AG-26 and Aqua VL-66/sm.

Sealing effect

- In wood types that contain high levels of substances that can cause staining (e.g. pine, larch, tropical wood), these substances may bleed through with a yellow appearance. Even products with sealing properties cannot fully prevent this. Fundamentally speaking, water-based coatings offer no protection against bleeding wood substances. Only coatings with proven effectiveness can prevent this from happening (e.g. Aqua AG-26 or Aqua VL-66/sm).
- Important: when using technical coatings (with a sealing effect), the specified application rates and drying times must be strictly adhered to in order to guarantee optimum protection.





Impregnation agents







p. 11

Primers





Aqua AG-28





p. 18

p. 24



Aqua RG-27 p. 19

Low-build stains

p. 16

Aqua AG-26



Aqua HSL-35/m p. 22



V

Aqua OML-

48/tm [eco]

remmers

Aqua NEL-56/tm p. 35

remmers



Aqua OVL-49/tm [eco]

Medium-build stains



Aqua MSL-45/sm p. 28

High-build stains



Aqua DSL-55 p. 34



p. 29

MSL-40/sm p. 31

Weather protection paints

remmers Problem Acrel	remmers	remmers	remmers	remmerseco
Rofalin Acrylic p. 38 Rofalin Acrylic Plus p. 38	Aqua VL-66/sm p. 39	Aqua ML-69/sm p. 40	Aqua DL-65 p. 42	Aqua OWF-68 [eco] p. 44
Interior wood finishing	g			
	renmersed HSO TRA			
Aqua PL-413 p. 48	HSO-118 [eco] p. 49	HWS-112 p. 50	OB-008 p. 51	
Supplementary produ	icts			
Aqua MR-91 p. 54	AGE p. 55	Induline Fast Filler p. 56	V 101 p. 56	Protect MKT 1 p. 57
		Termines	remmers	
Induline 2K Filler p. 58	Aqua OZA-90 p. 59	Silicone Remover p. 59	Induline SW-910 p. 60	Aqua RK-898 p. 61
Smoothing Agent p. 61	MultiBond Express p. 62	Acryl 100 p. 63	MultiSil p. 64	



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