remmers

Professional trade wood coatings

Environmentally sound, efficient and durable

Long-lasting protection and decoration

Professional trade wood coatings

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 gardens and 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 weathering, 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.

Whether the wood components are being used indoors or outdoors, the extensive range contains the perfect products and systems for any situation, from impregnations and primers to medium- and high-build coatings, as well as weather protection paints and wood finishing 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
- Products that have passed tests by renowned independent institutes
- Approved wood preservatives and other 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

Reliable classics: solvent-based wood coatings

Over 70 years, Remmers has evolved into a leading specialist in the area of wood protection and finishing, with a presence all across Europe. One of its main focal points has been solvent-based wood preservative stains, which have raised the bar time again and again over the years.

The latest generation: water-based wood coatings

As an alternative to conventional solvent-based products, Remmers has worked hard in recent years to develop environmentally friendly, water-based alternatives.

With its brand new Aqua wood 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.

The future: products based on renewable raw materials

Sustainability is more than just a buzzword – it stands for taking responsibility for the environment, healthy living and 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: 3-in-1 products save time and money

Remmers is committed to taking the influencing factors and requirements on building sites and in workshops into account during its product development. The result: 3-in-1 products that save time and money while making the job easier – only one product from our 3-in-1 range is needed for the entire coating system.

Impregnation agents

For highly durable wood components

Remmers impregnations protect wood against fungi that can cause damage and discolouration, as well as insect and termite infestation. 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 summerhouses, or dimensionally stable components such as windows and doors.
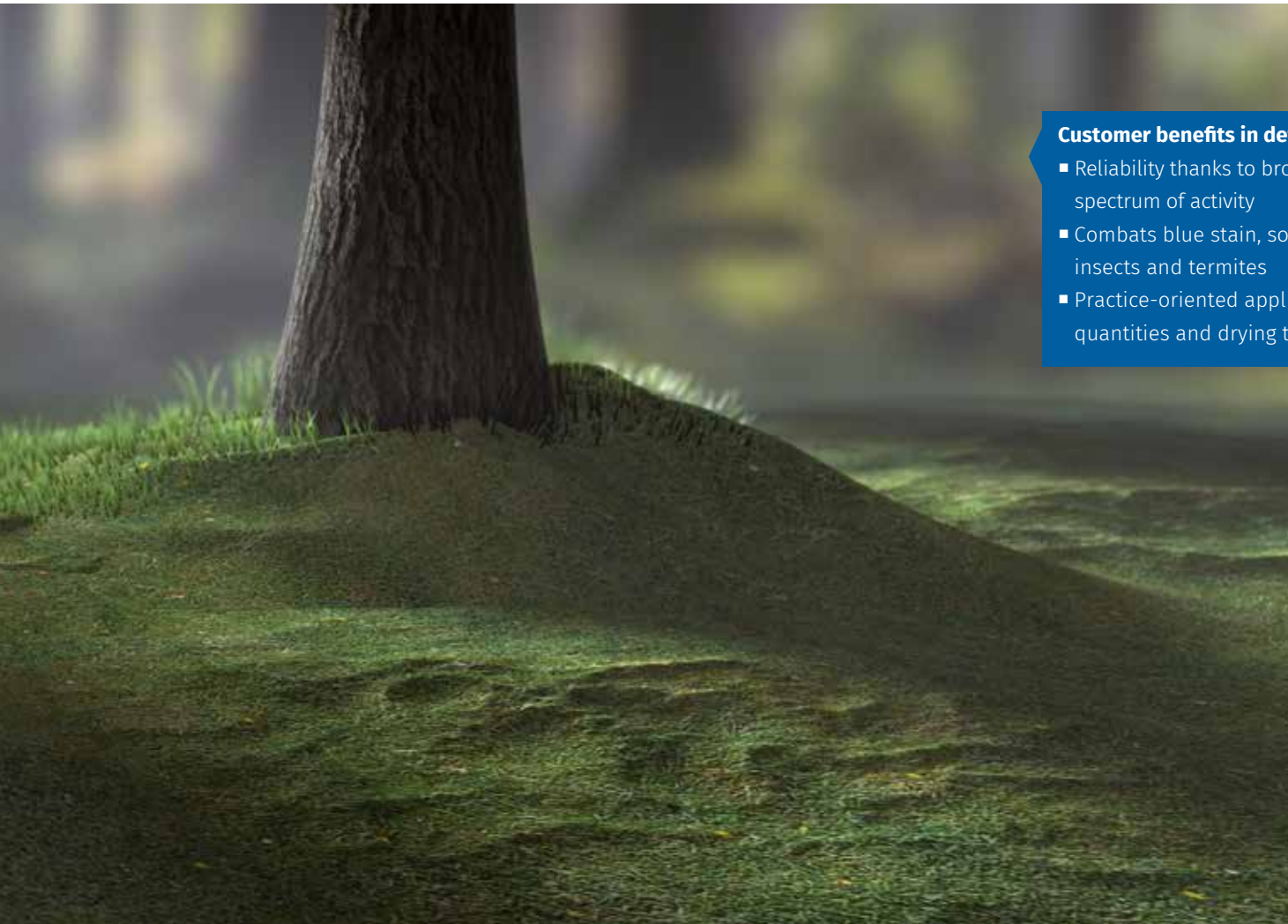
Aqua IG-15 Impregnation Primer IT
Liquid, water-based wood preservative with preventive efficacy against blue stain, soft rot, insects and termites

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 which is not in ground contact, in accordance with 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 roof (e.g. trusses) ■ Dimensionally stable wood building elements (when used as a primer only): e.g. windows and doors ■ Pre-treatment under translucent or opaque coatings ■ Do not use on wood intended to come into direct contact with food or feed ■ Never use this product to treat wood surfaces in rooms where people gather, with the exception of the insides of windows and exterior doors. Undeveloped attics, commercially used premises and generally uninhabited interior rooms are not considered rooms where people gather. ■ Approved wood preservative according to DIN 68800-3
Property profile:	■ Protection against rot, blue stain, insects and termites ■ Reduces spotting when used in combination with coloured primers ■ Impregnated wood is suitable for all follow-up coatings ■ Economical thanks to the low application rate ■ Quick-drying
Application:	Brush
Application rate:	Preventive protection against rot, blue stain, insects and termites at 100 ml/m²
Overcoating:	After approx. 4 hours (practice values at 23°C and 50% RH)

Quantity per pallet	672	200	96	22
Packaging unit	**0.75 l** Tin bucket	**2.5 l** Tin bucket	**5 l** Tin bucket	**20 l** Tin bucket
Container code	01	03	05	20
Art. no.				
7145 clear	■	■	■	■

System products	Art. no.
Aqua AG-26	(7147)
Aqua MSL-45/sm	(7130)
Aqua OML-48/tm [eco]	(7710)
Aqua DSL-55	(7220)
Aqua NEL-56/tm	(7151)
Aqua VL-66/sm	(7090)
Rofalin Acrylic	(2330)
Rofalin Acrylic Plus	(2329)
Aqua DL-65	(7200)
Aqua OWF-68/tm [eco]	(7740)
Aqua HSL-35/m	(7120)

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

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 which is not in ground contact, in accordance with 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 roof (e.g. trusses) ■ Dimensionally stable wood building elements (when used as a primer only): e.g. windows and doors ■ Pre-treatment under translucent or opaque coatings ■ Do not use on wood intended to come into direct contact with food or feed ■ Never use this product to treat wood surfaces in rooms where people gather, with the exception of the insides of windows and exterior doors. Undeveloped attics, commercially used premises and generally uninhabited interior rooms are not considered rooms where people gather. ■ Approved wood preservative according to DIN 68800-3
Property profile:	■ Protection against rot, blue stain, insects and termites ■ Resistant to swelling, regulates moisture ■ Impregnated wood is suitable for all follow-up coatings ■ Economical thanks to the low application rate
Application:	Brushing, dipping, flow coating, spraying in contained facilities only
Application rate:	Preventive protection against blue stain, rot, insects and termites at 150 ml/m²
Overcoating:	After approx. 24 hours (practice values at 20°C and 65% RH)

Quantity per pallet	84	50	22
Packaging unit	**5 l** Tin canister	**10 l** Tin canister	**20 l** Tin canister
Container code	05	10	20
Art. no.			
7144 clear	■	■	■
7142 light brown	■		■
7143 dark brown	■		■

System products	Art. no.
MSL-40/sm	(7240)
Rofalin Acrylic	(2330)
Rofalin Acrylic Plus	(2329)
AG-20 Universal Primer	(7150)
HSL-30/m	(7100)

Primers

**Perfectly prepared surfaces and strong bonding layers
for various substrates**

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.
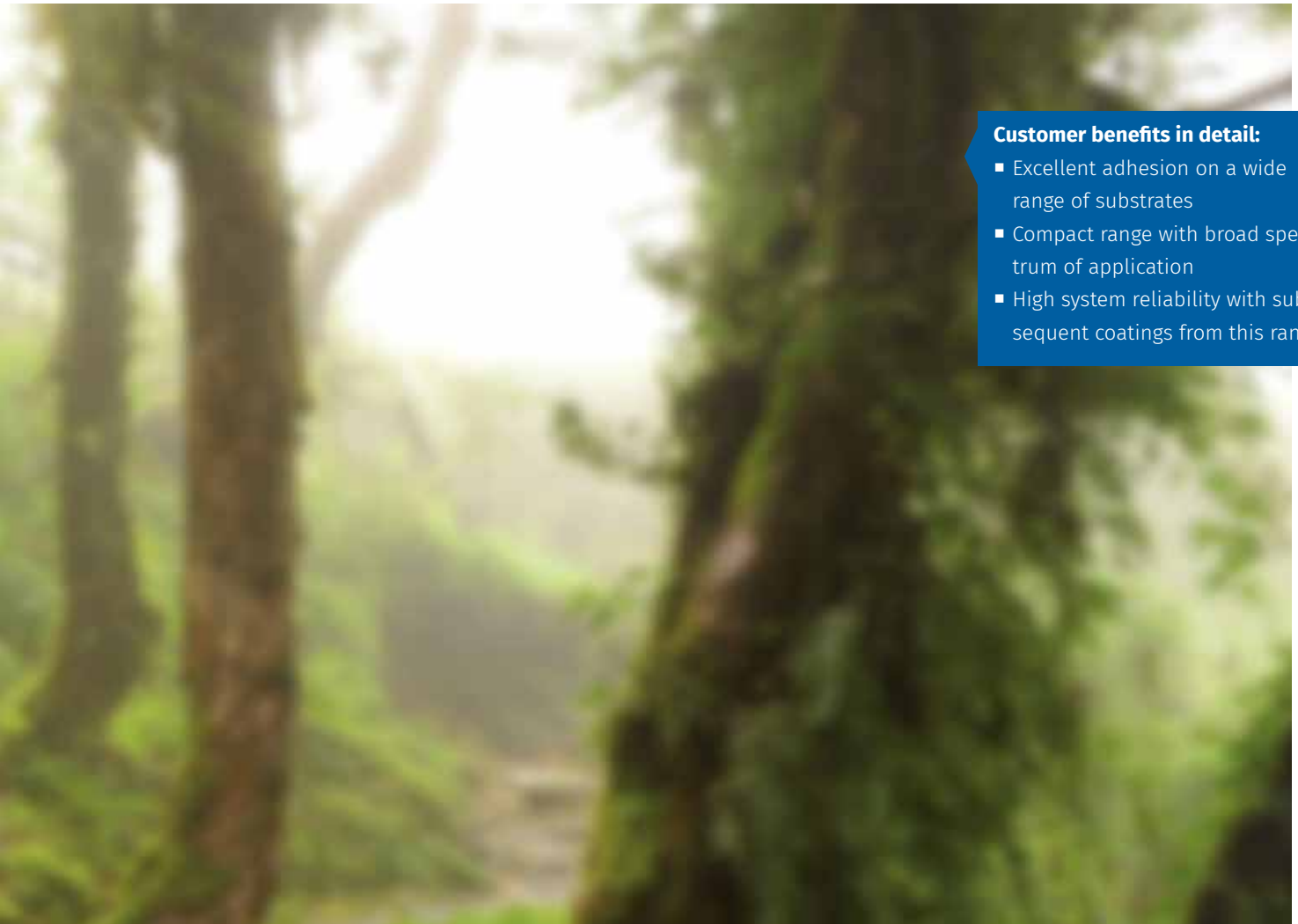
Customer benefits in detail:
- Excellent adhesion on a wide range of substrates
- Compact range with broad spectrum of application
- High system reliability with subsequent coatings from this range

Aqua AG-26 Universal Primer
Adhesive primer for metals, rigid plastics and wood, with rust protection and sealing action against substances contained in wood

Aqua AG-28 2K Universal Primer
2-component 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 outdoor 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	x/C3	x/C3
Fast drying	■		■
Can be used in cold weather		■	
Can be used indoors	■		■
High stability	■		
Film preservative		■	
Application areas			
Rigid PVC/PUR/polyester	■	■	
Old epoxy coatings			■
Acrylic	■	■	■
Melamine resin coatings (HPL/CPL)	■	■	■
Wood	■	■	■
Rubberwood	■	■	
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, with rust protection
and sealing action against substances contained in wood

Range of use:	■ Primer and intermediate coat ■ Metal substrates, e.g. (galvanised) steel, pure aluminium, copper, brass ■ Rigid PVC ■ For use on interior and exterior wood ■ Not for anodised aluminium or freshly galvanised steel ■ Do not apply to freshly impregnated wood. Observe fixation time.
Property profile:	■ Very good adhesion to the substrate ■ Protects against corrosion ■ Reduces yellow stains caused by water soluble substances in the wood when light shades of finishing coat are used ■ Can be overcoated with many products (see system products) ■ Low solvent, environmentally correct, mild odour
Application:	Brush, roller, spraying
Application rate:	100 ml/m² per coat (2 coats as corrosion protection/insulation)
Overcoating:	After approx. 6 hours (practice values at 20°C and 65% RH)

Quantity per pallet	672	200	96	30	22
Packaging unit	0.75 l Tin bucket	2.5 l Tin bucket	5 l Tin bucket	10 l Tin bucket	20 l Tin bucket
Container code	01	03	05	10	20
Art. no.					
7147 white	■	■	■	■	■
7148 grey	■	■		■	
7149 red brown	■	■		■	

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

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

Aqua AG-28-2K Universal Primer

2-component 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 ■ Not for anodised aluminium or freshly galvanised steel ■ For professional users
Property profile:	■ Very good adhesion to the substrate ■ Protects against corrosion ■ Can be overcoated with many products (see system products) ■ Solvent-free and environmentally compatible ■ Low odour
Application:	Brush, roller, spraying
Application rate:	Adhesive primer: 1 x 100 ml/m² Corrosion protection and to seal off substances in wood: 2 x 100 ml/m²
Overcoating:	Solvent-based: after approx. 16 hours (practice values at 20 °C and 65% RH) Water-based: after approx. 3 hours (practice values at 20 °C and 65% RH)
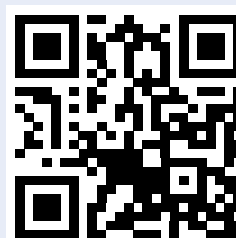
Quantity per pallet	200
Packaging unit	0.8 l Tin bucket
Container code	01
Art. no.	
7160 grey	■

System products	Art. no.
Aqua VL-66/sm	(7090)
Rofalin Acrylic	(2330)
Aqua DL-65-Decklack PU	(7200)
Aqua OWF-68/tm [eco]	(7740)

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:	■ 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 ■ White and light-coloured coating systems ■ 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:	■ Very good adhesion to the substrate ■ Reduces yellow stains caused by water soluble substances in the wood when light shades of finishing coat are used ■ Film preservative protects against microbial damage ■ Good edge coverage ■ Very good hiding power ■ High degree of pore filling
Application:	Brush, roller
Application rate:	80 – 100 ml/m² per coat (depending on the substrate)
Overcoating:	After approx. 12 hours (practice values at 20°C and 65% RH)

Quantity per pallet	200	22
Packaging unit	2,5 l Tin bucket	20 l Tin bucket
Container code	03	20
Art. no.		
7150 white	■	■
7153 grey	■	■
7154 red brown	■	■

System products	Art. no.
IG-10*	(7144)
Rofalin Acrylic	(2330)
Rofalin Acrylic Plus	(2329)

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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 levelling of 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 ▪ Not suitable for coating floors (terraces, wooden decking, etc.)
Property profile:	▪ Weatherproof and moisture-regulating ▪ Quick drying ▪ Good coverage with just one coat ▪ Very good adhesion to the substrate
Application:	Brush
Application rate:	100 ml/m² per coat (depending on the absorbency of the wood)
Overcoating:	After approx. 3 hours (practice values at 20°C and 65% RH)

Quantity per pallet	672	200	96
Packaging unit	**0.75 l** Tin bucket	**2.5 l** Tin bucket	**5 l** Tin bucket
Container code	01	03	05
Art. no.			
7146 spruce	▪	▪	▪

System products	Art. no.
Aqua MSL-45/sm	(7130)
Aqua OML-48/tm [eco]	(7710)
MSL-40/sm	(7240)
Aqua HSL-35/m*	(7120)

Application example:
Quick renovation of weathered and discoloured wood

discoloured wood

Aqua RG-27
spruce

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

Low-build stains

3-in-1 wood protection stains and pre-greying treatment

3-in-1 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. 3-in-1 products provide naturally matt and breathable protection that guards the wood against moisture, UV radiation, fungal infestation, nesting wasps, mould and algae.

The **pre-greying stain** Aqua OVL-49/tm [eco] is highly versatile and provides a seamless transition to the natural greying of the wood as it ages.
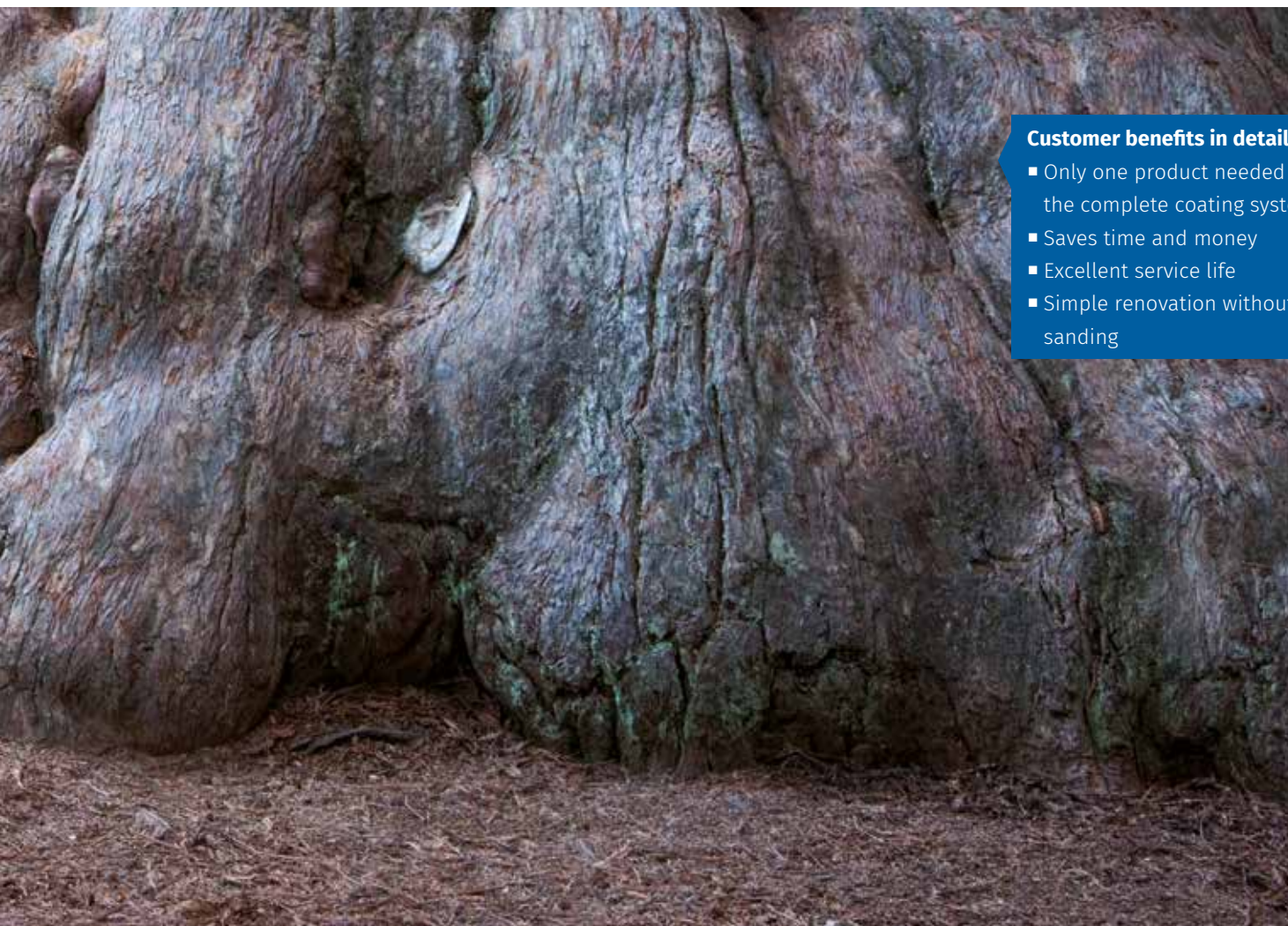
Customer benefits in detail:

■ Only one product needed for the complete coating system
■ Saves time and money
■ Excellent service life
■ Simple renovation without sanding

Low-build stains:

Pre-greying stain:

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, decorative, premium wood protection stain for exterior wood

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

Decorative, water-based pre-greying stain for interior and exterior wood

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

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

Range of use:	■ For use on exterior wood ■ Wood which is not in ground contact, in accordance with 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 (when used as a primer only): e.g. windows and doors ■ Primer, intermediate and finishing coats
Property profile:	■ Low-build stain ■ 3 in 1: impregnation, priming and stain ■ Preventive protection against: moisture, UV rays, rot, blue stain, mould, algae and nesting wasps ■ Penetrates deeply ■ Breathable ■ Brilliant colours ■ Does not flake ■ Subsequent treatment without sanding ■ All colours are mixable with one another
Application:	Brushing, dipping, flow coating, spraying in enclosed facilities only
Application rate:	Preventive protection against blue stain and soft rot at 205-250 ml/m² applied in at least two coats (Planed or very thick woods are less absorbent and may require a third coat)
Overcoating:	After approx. 12 hours (practice values at 20°C and 65% RH)

System products	Art. no.
IG-10	(7144)
Aqua OML-48/tm [eco]	(7710)
MSL-40/sm	(7240)

Quantity per pallet	672	200	96	30	22
Packaging unit	0.75 l Tin bucket	2.5 l Tin bucket	5 l Tin bucket	10 l Tin bucket	20 l Tin bucket
Container code	01	03	05	10	20
Art. no.					
7100 clear*	■	■	■	■	■
7101 light oak (RC-365)		■	■	■	■
7102 pine (RC-270)		■	■	■	■
7103 stone pine/larch (RC-260)		■	■	■	■
7104 rustic oak (RC-360)		■	■	■	■
7105 teak (RC-545)		■	■	■	■
7106 mahogany (RC-565)		■	■	■	■
7107 walnut (RC-660)		■	■	■	■
7108 rosewood (RC-720)		■	■	■	■
7109 silver grey (RC-970)		■	■	■	■
7110 white (RC-990)		■	■	■	■
7111 chestnut (RC-555)		■	■	■	■
7112 graphite grey (FT-25416)		■	■	■	■
7113 platinum grey (FT-26788)		■	■	■	■
7114 special colour		■	■	■	■

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 components that are not directly exposed to weathering (i.e. protected against direct sunlight, precipitation and wind). If a clear coating is required in an outdoor area exposed to weathering, apply several layers and top up regularly.

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

Fast drying, water-based premium wood protection stain for professional use

Range of use:	■ For use on exterior wood ■ Wood which is not in ground contact, in accordance with 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 (when used as a primer only): e.g. windows and doors ■ Primer, intermediate and finishing coats
Property profile:	■ Low-build stain ■ 3 in 1: impregnation, priming and stain ■ Protects wood from moisture and provides effective protection against blue stain fungi ■ Reduces the risk of rot when used in conjunction with design-based wood protection measures ■ Increased solids content provides protection against nesting wasps ■ Protective film against mould and algae ■ Water-based: does not give off any unpleasant odours and tools can be cleaned with water ■ Quick drying: 2 coats can be applied in one day ■ Subsequent treatment without sanding ■ Long-term protection with uniform weathering ■ Penetrates deeply ■ Breathable ■ Does not flake ■ All colours are mixable with one another
Application:	Brush
Application rate:	Preventive protection against blue stain at 197-216 ml/m² in at least 2 applications
Overcoating:	After approx. 2 - 3 hours (practice values at 20 °C and 65% RH)

System products	Art. no.
Aqua IG-15	(7145)
Aqua MSL-45/sm	(7130)
Aqua OML-48/tm [eco]	(7710)
Aqua DSL-55	(7220)
Protect MKT 1	(3024)

Quantity per pallet	672	200	96	30	22
Packaging unit	0.75 l Tin bucket	2.5 l Tin bucket	5 l Tin bucket	10 l Tin bucket	20 l Tin bucket
Container code	01	03	05	10	20
Art. no.					
7120 clear*	■	■	■	■	■
7121 light oak (RC-365)		■	■	■	■
7122 pine (RC-270)		■	■	■	■
7123 pine/larch (RC-260)		■	■	■	■
7124 teak (RC-545)		■	■		■
7125 walnut (RC-660)		■	■	■	■
7126 palisander (RC-720)		■	■	■	■
7127 silver grey (RC-970)		■	■	■	■
7128 white (RC-990)		■			■
7129 special colour		■	■	■	■

Use biocides safely. Always read the label and product information before use.
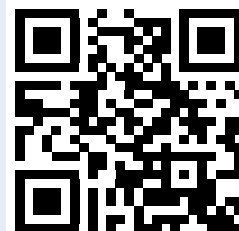*Does not protect against UV radiation (grey discolouration). Therefore, this product should only be used on wood components that are not directly exposed to weathering (i.e. protected against direct sunlight, precipitation and wind). If a clear coating is required in an outdoor area exposed to weathering, 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

Range of use:	■ 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 ■ Playground equipment ■ Not suitable for coating floors (terraces, wooden decking, etc.) ■ For use by professionals
Property profile:	■ Natural grey tones for wood ■ Even colour tone across areas exposed to and sheltered from weathering ■ Made from at least 80% renewable raw materials ■ Water-based with a very low solvent content ■ Drip-inhibited ■ Good flow properties ■ All colours are mixable with one another ■ Breathable ■ Recyclable metal container ■ A vegan product based on the information available to us, e.g. from raw material suppliers, and on the manufacturing techniques we use
Application:	Brush, spraying
Application rate:	Approx. 60 ml/m² per coat (min. 2 coats)
Overcoating:	After approx. 8 hours (practice values at 20 °C and 65% RH)

System products	Art. no.
Aqua IG-15*	(7145)
Induline SW-910	(3777)

Quantity per pallet	200	96	22
Packaging unit	**2.5 l** Tin bucket	**5 l** Tin bucket	**20 l** Tin bucket
Container code	03	05	20
Art. no.			
3212 silver grey (RC-970)	■	■	■
3214 clear	■	■	■
3213 base M	■	■	■
3215 special colours	■	■	■

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

Uni-colours
Subtle pre-greying

| water grey | **FT20924** | silver grey | **RC-970** | ore grey | **FT20929** |

| granite grey | **FT20923** | misty grey | **FT20930** |

Metallic colours
Pre-greying with a pronounced patina

| graphite grey | **FT25416** | quartz grey | **RC-972** | reed | **RC-961** |

| sage | **RC-971** | platinum grey | **FT26788** |

Note: The colours shown in this brochure have been carefully scanned in order to ensure that they reflect the original as closely as possible. However, minor variations between the original products and the photos are possible. Therefore, you should always apply a trial coating in order to assess the colour before starting work.

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 operations. **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.
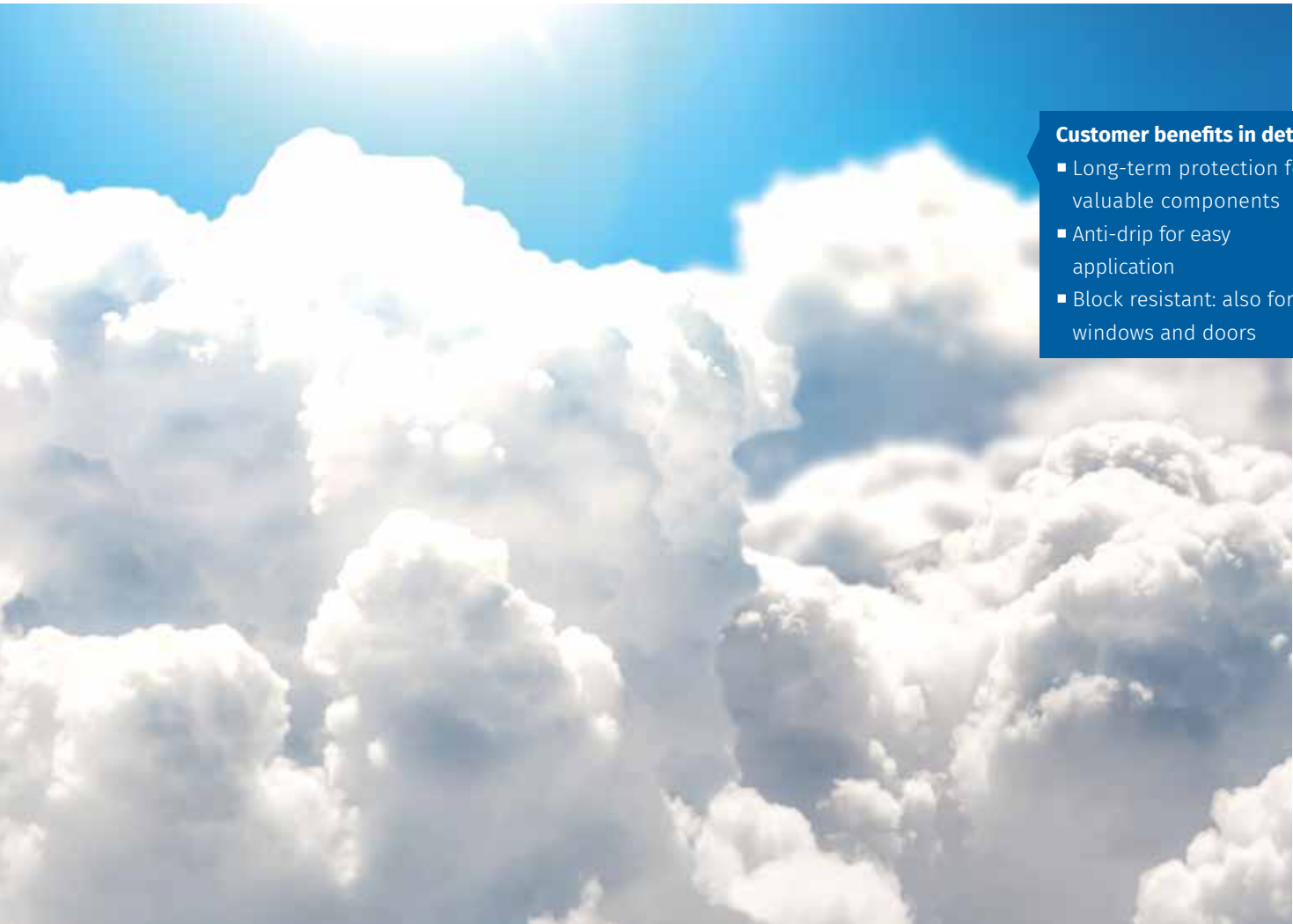
Customer benefits in detail:
- Long-term protection for valuable components
- Anti-drip for easy application
- Block resistant: also for windows and doors

Aqua MSL-45/sm
Medium Build Stain UV+

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

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

Water-based stain made from renewable raw materials for wood in indoor and outdoor areas

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 wood indoors and outdoors

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 ■ Biocide-free topcoat 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 ■ Not suitable for coating floors (terraces, wooden decking, etc.)
Property profile:	■ Drip-inhibited ■ Weather-resistant and UV-resistant ■ High UV protection for light colours and clear UV+ ■ Silk matt ■ Dirt-repellent and easy to maintain ■ Block resistant (in accordance with Code of Practice HO.03) ■ Good flow properties ■ Free from biocides ■ Elastic
Application:	Brush
Application rate:	Approx. 100 ml/m² per coat (min. 2 coats)
Overcoating:	After approx. 4 hours (practice values at 20 °C and 65% RH)

Quantity per pallet	672	200	96	30	22
Packaging unit	0.75 l Tin bucket	2.5 l Tin bucket	5 l Tin bucket	10 l Tin bucket	20 l Tin bucket
Container code	01	03	05	10	20
Art. no.					
7130 clear UV+	■	■	■	■	■
7131 light oak (RC-365)		■	■		
7132 pine (RC-270)		■	■		
7133 stone pine/larch (RC-260)		■	■		
7134 teak (RC-545)		■	■		
7136 walnut (RC-660)		■	■	■	■
7137 rosewood (RC-720)		■	■	■	■
7138 silver grey (RC-970)		■	■	■	■
7139 white (RC-990)		■	■	■	■
7140 special colour		■	■	■	■

System products	Art. no.
Aqua IG-15*	(7145)
Aqua RG-27	(7146)
Aqua HSL-35/m*	(7120)
Induline SW-910	(3777)
Protect MKT 1	(3024)

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

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

Water-based stain made from renewable raw materials for
wood in indoor and outdoor areas

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 ■ Playground equipment
Property profile:	■ Water-based with a very low solvent content ■ Block resistant (in accordance with Code of Practice HO.03) ■ Drip-inhibited ■ Good flow properties ■ Weather-resistant and UV-resistant ■ Made from at least 80% renewable raw materials ■ All colours are mixable with one another ■ Breathable ■ Recyclable metal container ■ A vegan product based on the information available to us, e.g. from raw material suppliers, and on the manufacturing techniques we use
Application:	Brush, spraying
Application rate:	Approx. 60 ml/m² per coat (min. 2 coats)
Overcoating:	After approx. 8 hours (practice values at 20 °C and 65% RH)

Quantity per pallet	672	200	96	22
Packaging unit	0.75 l Tin bucket	2.5 l Tin bucket	5 l Tin bucket	20 l Tin bucket
Container code	01	03	05	20
Art. no.				
7710 clear	■	■	■	■
7711 light oak (RC-365)		■	■	■
7712 teak (RC-545)		■	■	■
7713 walnut (RC-660)		■	■	■
7715 white (RC-990)		■	■	■
7716 special colours		■	■	■

System products	Art. no.
Aqua IG-15*	(7145)
Aqua RG-27	(7146)
Aqua HSL-35/m*	(7120)
Induline SW-910	(3777)
Protect MKT 1	(3024)

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 ■ Not suitable for coating floors (terraces, wooden decking, etc.)
Property profile:	■ Drip-inhibited ■ Good flow properties ■ Protective film against mould, algae and blue stain ■ 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 HO.03) ■ Cobalt-free
Application:	Brush, roller
Application rate:	1st coat: 100 ml/m² 2nd coat: 60 ml/m²
Overcoating:	After approx. 12 hours (practice values at 20 °C and 60% RH)

Quantity per pallet	672	200	96	22
Packaging unit	**0.75 l** Tin bucket	**2.5 l** Tin bucket	**5 l** Tin bucket	**20 l** Tin bucket
Container code	01	03	05	20
Art. no.				
7240 clear UV+	■	■	■	■
7241 light oak (RC-365)		■	■	■
7242 teak (RC-545)		■	■	■
7243 walnut (RC-660)		■	■	■
7244 silver grey (RC-970)		■	■	■
7245 white (RC-990)		■	■	■
7246 special colours		■	■	■

System products	Art. no.
Wood Cream*	(2715)
IG-10*	(7144)
Aqua RG-27	(7146)
HSL-30/m*	(7100)
Induline SW-910	(3777)

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 against 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 finishing coats ■ Can also be used as a maintenance coat ■ Not suitable for coating floors (terraces, wooden decking, etc.)
Property profile:	■ Little tendency to yellow ■ Easy to work ■ Weatherproof and moisture-regulating ■ Block resistant (in accordance with Code of Practice HO.03) ■ Long-lasting, dirt-repelling and hard-wearing ■ Excellent flow properties ■ Highly elastic ■ With UV blocker ■ Exceptional adherence on old coatings when used for maintenance work
Application:	Brush, spraying
Application rate:	Approx. 100 ml/m² per coat
Overcoating:	After approx. 4 hours (practice values at 20 °C and 65% RH)

Quantity per pallet	672	200
Packaging unit	**0.75 l** Tin bucket	**2.5 l** Tin bucket
Container code	01	03
Aqua DSL-55/matt		
7220 clear	■	■
7221 special colour	■	■
Aqua DSL-55/silk gloss		
7210 clear	■	■
7211 light oak (RC-365)	■	■
7212 stone pine/larch (RC-260)	■	■
7213 teak (RC-545)	■	■
7214 walnut (RC-660)	■	■
7215 rosewood (RC-720)	■	■
7216 special colour	■	■

System products	Art. no.
Aqua IG-15*	(7145)
Aqua HSL-35/m*	(7120)

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

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

Range of use:	■ For all dimensionally stable wood building elements made of light-coloured softwood and hardwood ■ Windows, exterior doors & conservatories ■ Wood-aluminium composite structures ■ Post-rail constructions ■ Natural colours for surfaces exposed to direct weathering – clear version for protected structures ■ Intermediate and finishing coats
Property profile:	■ Cloth matt surface with very little emphasis of grain: the treated wood has a natural-looking finish ■ UV absorbers reduce darkening of the wood ■ Added bonus of being resistant to scratches and hand cream when surface is subjected to normal use ■ Surfaces show no tendency to become glossy ■ Clear version of the product for protected structures provides the best possible natural look ■ Natural colours for surfaces exposed to direct weathering: pigmented versions of the product are available for the different types of wood so as to provide a natural look with good UV protection
Application:	Brush, roller
Application rate:	Approx. 60 – 80 ml/m² per coat
Overcoating:	After approx. 4 hours (practice values at 20°C and 65% RH)

Quantity per pallet	672	200
Packaging unit	**0.75 l** Tin bucket	**2.5 l** Tin bucket
Art. no.		
7151 clear	■	■
7152 special colour	■	■

System products	Art. no.
Aqua IG-15*	(7145)
Aqua HSL-35/m*	(7120)

Weather protection paints, white and coloured varnishes

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: thanks to their excellent protective function, the time between maintenance work and top-ups can be maximised. **And since the surfaces are highly resistant to dirt, regular cleaning can be kept to a minimum too.** Despite their excellent hiding power, the opaque protective coatings by Remmers let the wood "breathe", so that any moisture that penetrates into the wood can escape from it again quickly.

Aqua VL-66/sm Venti Coat 3-in-1

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

Rofalin Acrylic (Plus)

Weather protection paint (plus: with film preservative) for wood and other substrates in indoor and outdoor areas

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 wood in indoor and outdoor areas

Aqua VL-66/sm Venti Coat 3-in-1

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 ■ Wooden covers and wood panelling ■ Not suitable for coating floors (terraces, wooden decking, etc.)
Property profile:	■ Water-based ■ Base coat, intermediate coat and topcoat all in one ■ Ventilating effect ■ Block resistant (in accordance with Code of Practice HO.03) ■ Resistant to extreme temperatures and little tendency to yellow ■ Silk matt ■ Insulating effect against substances contained in the wood ■ Inhibits rust from screws and nail heads ■ Highly weather-resistant and low-chalking ■ Reduces discolouration due to nicotine
Application:	Brush, roller, spraying
Application rate:	100-120 ml/m² per coat (2 coats are required to seal off substances contained in the wood)
Overcoating:	After approx. 6 hours (practice values at 20 °C and 65% RH)

Quantity per pallet	672	200	96	22
Packaging unit	**0.75 l** Tin bucket	**2.5 l** Tin bucket	**5 l** Tin bucket	**20 l** Tin bucket
Container code	01	03	05	20
Art. no.				
7090 white (RAL 9016)	■	■	■	■
7091 anthracite grey (RAL 7016)		■	■	
7092 light grey (RAL 7035)		■	■	
7093 cream (RAL 9001)			■	
7094 fir green (RAL 6009)			■	
7095 moss green (RAL 6005)			■	
7096 special colour	■	■	■	■
15097 Base A**	■	■	■	■
15098 Base B***	■	■	■	■
15099 Base C****	■	■	■	■

System products	Art. no.
Aqua IG-15*	(7145)
Aqua AG-26	(7147)
Induline SW-910	(3777)
Protect MKT 1	(3024)

Rofalin Acrylic (Plus)

Weather protection paint (plus: with film preservative) for wood and other substrates in indoor and outdoor areas

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, zinc sheet metal and many more substrates ■ Do not apply to freshly impregnated wood. Observe fixation time. ■ When applying to chairs, benches etc. apply an additional protective coat of Aqua MSL-45/sm clear UV+ (7130) to prevent abrasion of pigments.
Property profile:	■ Quick drying and highly opaque ■ Protective film against mould and algae (Rofalin Acrylic Plus) ■ Scrub-proof, does not flake ■ Alkali-resistant, including when used on mineral substrates ■ Weatherproof and moisture-regulating ■ Low solvent, environmentally compatible, mild odour ■ All colours are mixable with one another ■ Brilliant, pure, intensive colours have a lower hiding power due to their pigments. We recommend fully pre-coating such areas with a matching coloured primer if using critical colours.
Application:	Brush, roller
Application rate:	Approx. 80 - 100 ml/m² per coat
Overcoating:	After 2 - 4 hours (practice values at 20°C and 65% RH)

System products	Art. no.
Aqua IG-15*	(7145)
IG-10*	(7144)
Aqua AG-26	(7147)
AG-20	(7150)

Quantity per pallet	672	200	96	30	22
Packaging unit	0.75 l Tin bucket	2.5 l Tin bucket	5 l Tin bucket	10 l Tin bucket	20 l Tin bucket
Container code	01	03	05	10	20
Art. no.					
Rofalin Acrylic					
2323 anthracite grey (RAL 7016)		■	■	■	
2324 light grey (RAL 7035)		■	■	■	
2325 fir green (RAL 6009)		■	■	■	
2326 moss green (RAL 6005)		■	■	■	
2327 cream (RAL 9001)		■	■	■	
2330 white (RAL 9016)	■	■	■	■	■
2332 grey			■		
2334 dark brown			■		
2336 black			■		
2337 Scandinavian red		■	■	■	
2343 special colour**		■	■	■	■
15020 Base A***	■	■	■	■	■
15021 Base B****	■	■	■	■	■
15022 Base C*****	■	■	■	■	■
Rofalin Acrylic Plus					
2329 white (RAL 9016)			■		■
2328 special colour**			■		■

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 (7147) ■ Intermediate and finishing coats ■ Can also be used as a maintenance coat ■ Not suitable for coating floors (terraces, wooden decking, etc.)
Property profile:	■ Little tendency to yellow ■ Low odour and easy to work ■ Very good hiding power and good edge coverage ■ Weatherproof and moisture-regulating ■ High PU content: long-lasting, dirt-repellent, hard-wearing ■ Highly elastic with excellent flow properties ■ Block resistant (in accordance with Code of Practice HO.03) ■ Exceptional adherence on old coatings when used for maintenance work
Application:	Brush, roller, spraying
Application rate:	Approx. 100 ml/m² per coat
Overcoating:	After approx. 4 hours (practice values at 20 °C and 65% RH)

System products	Art. no.
Aqua IG-15*	(7145)
Aqua AG-26	(7147)

Quantity per pallet	672	200	96
Packaging unit	**0.75 l** Tin bucket	**2.5 l** Tin bucket	**5 l** Tin bucket
Container code	01	03	05
Aqua DL-65/matt			
7200 white (RAL 9016)	■	■	
7201 special colour	■	■	
15100 Base A**	■	■	
15101 Base B***	■	■	
15102 Base C****	■	■	
Aqua DL-65/silk matt			
7202 white (RAL 9016)	■	■	
7203 special colour	■	■	
15103 Base A**	■	■	
15104 Base B***	■	■	
15105 Base C****	■	■	■
Aqua DL-65/silk gloss			
7204 white (RAL 9016)	■	■	
7205 special colour	■	■	
15106 Base A**	■	■	
15107 Base B***	■	■	
15108 Base C****	■	■	

* Use biocides safely. Always read the label and product information before use.
** Pre-filled: 98%   *** Pre-filled: 95%   **** Pre-filled: 92%

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

Water-based opaque paint made from renewable raw materials
for wood in indoor and outdoor areas

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 • Playground equipment • Primer, intermediate and finishing coats • Do not apply to freshly impregnated wood. Observe fixation time. • On chairs, benches etc., apply a subsequent protective coating of Aqua OML-48/tm [eco] in the appropriate colour to prevent staining. • Not suitable for coating floors (terraces, wooden decking, etc.)
Property profile:	• Water-based with a very low solvent content • Block resistant (in accordance with Code of Practice HO.03) • Drip-inhibited • Good flow properties • Elastic • Does not flake • Weather-resistant and UV-resistant • Less discolouration due to water-soluble substances in the wood • Made from at least 70% renewable raw materials • Breathable • All colours are mixable with one another • Recyclable metal container • A vegan product based on the information available to us, e.g. from raw material suppliers, and on the manufacturing techniques we use • Brilliant, pure, intensive colours have a lower hiding power due to their pigments. We recommend fully pre-coating such areas with a matching coloured primer if using critical colours.
Application:	Brush, roller, spraying
Application rate:	Approx. 75 ml/m² per coat
Overcoating:	After approx. 6 hours (practice values at 20°C and 65% RH)

System products	Art. no.
Aqua IG-15*	(7145)
Aqua AG-26	(7147)
Induline SW-910	(3777)

Quantity per pallet	672	200	96	22
Packaging unit	0.75 l Tin bucket	2.5 l Tin bucket	5 l Tin bucket	20 l Tin bucket
Container code	01	03	05	20
Art. no.				
7740 white (RAL 9016)	▪	▪	▪	▪
7741 special colours	▪	▪	▪	▪
15176 Base B**	▪	▪	▪	
15177 Base C***	▪	▪	▪	

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.**

Aqua PL-413 Parquet Varnish

Clear, single-component sealing varnish for application by roller

HSO-118 High Solid Oil [eco]

Wood refinement with a good build for one-time application, made from renewable raw materials

HWS-112 Hard Wax Seal

Durable, single-component 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, single-component sealing varnish for
application by roller

Range of use:	- Interior wood - For heavily used wood substrates in living areas - Residential and other buildings (e.g. parquet, stairs, planks) - As a two-component varnish with 10% Aqua H-480 Hardener for wood substrates subjected to especially high loads
Property profile:	- Resistant to abrasion and scratches - Excellent emphasis of the grain - Very good water resistance - Good flow properties on horizontal surfaces - Improvement of mechanical and chemical resistance by hardening with Aqua H-480 Hardener
Application:	Brush, roller
Application rate:	100 – 120 ml/m² per coat
Overcoating:	After approx. 4 hours (practice values at 20 °C and 65% RH)

Quantity per pallet	90	60
Packaging unit	5 l Plastic canister	10 l Plastic canister
Container code	05	10
Aqua PL-413/20 matt		
2376 clear	▪	▪
Aqua PL-413/30 silk matt		
2375 clear	▪	▪
Aqua PL-413/50 silk gloss		
2374 clear	▪	▪

System products	Art. no.
Aqua H-480	(3806)
Aqua FKL-402	(2368)
Aqua MSV-403	(2369)

HSO-118 High Solid Oil [eco]

Wood refinement with a good build for one-time
application, made from renewable raw materials

Range of use:	▪ Interior wood ▪ Wooden floors and stairs ▪ Tables and worktops ▪ Toys and highchairs for children ▪ High-quality solid wood furniture ▪ Cork floors ▪ Panels and moulding ▪ Reducing the tendency of natural stone kitchen worktops to accumulate contamination (oil, grease, household dirt, etc.) ▪ Sustainable building suitable for building certifications DGnB, LEED, BNB ▪ „Natural effect" colour only for light-coloured woods, such as oak, ash and spruce ▪ Not for bleached wood
Property profile:	▪ Made from at least 90% renewable raw materials ▪ Food safe: harmless upon contact with food ▪ Complies with the principles for the health assessment of construction products used indoors (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 in accordance with DIN 68861, 1B (e. g. water, cola, beer, tea, coffee, wine & cleaning agents) ▪ A vegan product based on the information available to us, e.g. from raw material suppliers, and on the manufacturing techniques we use
Application:	Roller, brush, spreader, pad (Textiles contaminated with the product may self-ignite. Soak in water, collect in fire-resistant waste containers filled with water, and dispose of properly)
Application rate:	Approx. 50 – 70 ml/m² per coat (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
Overcoating:	After drying overnight (practice values at 20°C and 65% RH)

System products	Art. no.
MultiSil	(7380)
Oiled Floor Care [eco]	(7699)
Repair Set	(4955)

| Quantity per pallet	672	200	30
Packaging unit	0.75 l Tin bucket	2.5 l Tin bucket	10 l Tin bucket
Container code	01	03	10
Art. no.			
7701 intense white (RC-995)	▪	▪	
7702 walnut (RC-660)	▪	▪	
7703 light oak (RC-365)	▪	▪	
7704 teak (RC-545)	▪	▪	
7705 ebony (RC-790)	▪	▪	
7706 silver grey (RC-970)	▪	▪	
7707 natural effect	▪	▪	
7708 clear	▪	▪	▪
7709 special colours	▪	▪	▪

HWS-112 Hard Wax Seal

Durable, single-component wood sealer for a
natural look and two-time application

Range of use:	■ Wood in living areas ■ Furniture and interior finishing work ■ Wooden floors and stairs ■ Tables and worktops ■ Interior finishing of ships ■ Cork floors ■ Bamboo components ■ No removal of excess ■ Not for bleached wood
Property profile:	■ Quick-drying ■ Resistant to abrasion and scratches ■ Excellent resistance to chemicals ■ Slip-resistant ■ Very low tendency to shine ■ Natural look and feel
Application:	Roller, spraying (Textiles contaminated with the product may self-ignite. Soak in water, collect in fire-resistant waste containers filled with water, and dispose of properly)
Application rate:	First coat: 70 ml/m² Second coat: 60 ml/m²
Overcoating:	Spraying: after approx. 6 hours Roller: after approx. 14 hours (practice values at 20 °C and 65% RH)

Quantity per pallet	444	80	22
Packaging unit	1 l Tin canister	5 l Tin bucket	20 l Tin bucket
Container code	85	05	20
Art. no.			
1826 clear	■	■	■
1829 special colour	■	■	■

System products	Art. no.
OB-008 Oil Stain	(2787)
Oiled Floor Care [eco]	(7699)
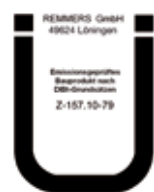
OB-008 Oil Stain

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

Range of use:	■ Especially for use on softwoods and coarse-pored woods (e.g. oak) ■ For use under finishes on an oil, wax or alkydic resin base
Property profile:	■ Ready-to-use base colours that can be mixed with each other ■ Long open time for streak-free application (on large surfaces)
Application:	Brush, roller, spraying (Textiles contaminated with the product may self-ignite. Soak in water, collect in fire-resistant waste containers filled with water, and dispose of properly)
Application rate:	Approx. 40 – 80 ml/m² wet application quantity (equals approx. 20 – 30 ml/m² after wiping away)
Overcoating:	After approx. 12 hours (practice values at 20 °C and 65% RH)

Quantity per pallet	360	96
Packaging unit	1 l Tin canister	5 l Tin canister
Container code	01	05
Art. no.		
2787 clear	■	
2788 intense white (RC-955)	■	
2789 walnut (RC-660)	■	
2790 light oak (RC-365)	■	
2791 teak (RC-545)	■	
2792 ebony (RC-790)	■	
2793 silver grey (RC-970)	■	
2794 special colour	■	■

System products	Art. no.
HWS-112	(1826)

Complementary products

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

AGE
Stripping agent and graffiti
remover

Induline Fast Filler
Single-component filler on a
dispersion base

Protect MKT 1
Additive for protecting MB 2K,
emulsion paints and water-based
stains against algae and fungi

Induline 2K Filler
For filling deep uneven areas

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

Thinner V 101
Cleaning and thinning agent

Induline SW-910
Protective agent for end-grain wood on a water base

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

MultiBond Express
Clear, universal, high-strength PUR adhesive

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

Acryl 100
Premium acrylic sealant, quickly becomes rain-proof

Smoothing Agent
Concentrate for smoothing sealing materials

MultiSil
Universal alkoxy-cross-linking silicone sealant

AGE

Stripping agent and graffiti remover

Range of use:	▪ Dissolving dispersion and pure acrylate varnishes, synthetic resin, nitro and spirit varnishes, matting, polishes and graffiti ▪ Wood surfaces, metallic and mineral substrates
Property profile:	▪ Paste form ▪ Highly effective ▪ Long open working time ▪ Free from N-methyl pyrrolidone and chlorinated hydrocarbons, alkali-free ▪ Biodegradable
Application:	Brush, roller, spraying
Application rate:	Approx. 0.3 - 0.5 l/m² per coat

Quantity per pallet	432	66	12
Packaging unit	0.75 l Tin bucket	5 l Tin bucket	25 l Tin bucket
Container code	01	05	25
Art. no.			
1368	▪	▪	▪

Induline Fast Filler

Single-component filler on a dispersion base

Range of use:	▪ Repair work ▪ Preparing for coating work on wood, wood materials and mineral substrates ▪ For filling in porous substrates and gaps
Property profile:	▪ Fast-drying with little shrinkage ▪ Good sanding properties ▪ Good filling power ▪ Solvent-free and environmentally compatible
Application	Filling knife (Japanese spatula)
Application rate:	According to needs (maximum coating thickness per coat approx. 3 mm)
Overcoating:	After approx. 3 hours (practice values at 23°C and 60% RH)

Quantity per pallet	960
Packaging unit	0.4 kg Plastic tube
Container code	02
Art. no.	
3260 white	▪

Protect MKT 1*

Additive for protecting MB 2K, emulsion paints and water-based stains against algae and fungi

Range of use:	■ Film preservative for protecting MB 2K against algae and fungi, especially Haematococcus pluvialis ■ Film preservative for protecting emulsion paints and stains against mould and algae growth ■ Resistant to washing out and UV radiation
Property profile:	■ Very good spectrum of activity against fungi, algae and yeasts ■ Water-based preservative ■ Long-term stability thanks to depot effect
Application rate:	Add 1% Protect MKT 1 to emulsion paints and water-based stains

Quantity per pallet	**500**
Packaging unit	**100 l** Plastic bottle
Container code	81
Art. no.	
3024	■

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

Induline 2K Filler

For filling deep uneven areas

Range of use:	■ For interior and exterior wood ■ Windows, doors, furniture etc. ■ Other substrates: sheet steel, cast iron and aluminium, chipboard ■ For filling deep uneven areas
Property profile:	■ Reduced styrene content ■ Easily feathered out ■ Good filling properties ■ Easy to sand ■ Little volume shrinkage
Application	Filling knife
Application rate:	According to needs
Overcoating:	After approx. 20 - 25 minutes (practice values at 23°C and 60% RH)

Quantity per pallet	**1104**
Packaging unit	**500 g** Tin can
Container code	01
Art. no.	
3261 spruce	■

Aqua OZA-90 Open Time Additive

Drying inhibitor for water-based stains, coatings and varnishes

Range of use:	■ Open time extender for water-based stains, coatings and varnishes ■ Particularly suited to brush and roller application ■ For preventing streaking at high temperatures and/or low relative humidity ■ Large areas ■ For use by professionals
Property profile:	■ Inhibits drying ■ Optimises flow ■ Enables streak-free application ■ Reduces viscosity
Application rate:	Add 3 - 5% to water-based coatings

Quantity per pallet	288
Packaging unit	**1 l** Plastic bottle
Container code	01
Art. no.	
5320	■
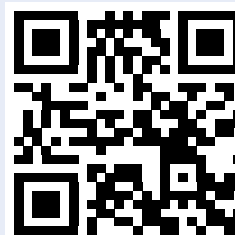
Thinner V 101

Cleaning and thinning agent

Range of use:	■ Universal solvent for thinning and cleaning reactive resins that have not yet reacted
Property profile:	■ Good cleaning action ■ Good thinning action
Application rate:	According to needs

Quantity per pallet	360	84	50	24
Packaging unit	1 l Tin canister	5 l Tin canister	10 l Tin canister	30 l Tin canister
Container code	01	05	10	30
Art. no.				
0978	■	■	■	■

Induline SW-910

Protective agent for end-grain wood on a water base

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 ■ Softwoods and hardwoods ■ Moisture protection for cut surfaces and end-grain wood ■ Full-surface moisture protection for front door panels made of exterior grade MDF/Tricoya ■ Full-surface protection of woods 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 the treated wood ■ Can be overcoated with conventional coating systems
Application:	Brush, roller, spraying
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% RH)

Quantity per pallet	300	200	22
Packaging unit	0.5 l Tin can	2.5 l Tin bucket	20 l Tin bucket
Container code	84	03	20
Art. no.			
3777	■	■	■

Aqua RK-898 Cleaning Concentrate

Highly effective cleaning product for tools and equipment

Range of use:	■ Cleaning tools ■ Spraying equipment, overhead conveyors etc.
Property profile:	■ High-yielding concentrate ■ Removes freshly splashed Aqua varnishes quickly and easily ■ Does not attack the surfaces of anodised components (e.g. flow cup guns)
Application rate:	Depending on needs and level of contamination, diluted up to 1:5 with water

Quantity per pallet	96	24
Packaging unit	5 l Plastic canister	30 l Plastic canister
Container code	05	30
Art. no.		
3868	■	■

MultiBond Express

Clear, universal, high-strength PUR adhesive

Range of use:	■ Indoors and outdoors ■ Suitable for universal use ■ Wood, metal, ceramics, PVC, polystyrene and glass ■ Mounting furniture, panels, moulding and door linings ■ Gluing wooden windows and doors ■ Not suitable for PE, PP, PTFE or silicone
Property profile:	■ Single-component and 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
Application:	Spraying
Application rate:	Approx. 5 - 15 g/m² if applied in strips, approx. 50 g/m² if applied in dots
Overcoating:	After min. 60 minutes (practice values at 20°C and 65% RH)

Quantity per pallet	1200
Packaging unit	**310 ml** Cartridge
Container code	15
Art. no.	
1571 clear	■

Silicone Remover

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

Range of use:	■ Removing hardened silicone residues ■ Preparing substrates for the repair of silicone joints
Property profile:	■ Removes silicone residues ■ Reacts quickly ■ Low odour ■ Independently active

Quantity per pallet	960
Packaging unit	**200 g** Aluminium bottle
Container code	83
Art. no.	
7799	■

Acryl 100

Premium acrylic sealant, quickly becomes rain-proof

Range of use:	■ Sealing dimensionally stable building elements ■ Closing cracks ■ Repairing facades, masonry work, render and wood surfaces ■ Lower-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 and compatible with Remmers wood stains
Application:	Spraying
Application rate:	Approx. 100 ml/m for a joint cross-section of 1 cm²
Overcoating:	After approx. 15 minutes (practice values at 23 °C and 50% RH)

Quantity per pallet	1056	864	1200
Packaging unit	**310 ml** Cartridge	**600 ml** Aluminium bag	**400 ml** Aluminium bag
Container code	12	60	32
Art. no.			
7360 grey	■	■	
7370 white	■	■	■
7375 special colour*		■	

System products	Art. no.
Backing Rods	(4260)
Sealant Gun	(4701/4706)
Compressed Air Sealant Gun	(4707)

Smoothing Agent

Concentrate for smoothing sealing materials

Range of use:	■ For subsequently smoothing fresh silicone/PU/MS hybrid polymer sealants ■ Not recommended for use on acrylate sealants
Property profile:	■ High-yielding concentrate ■ Specially formulated concentrate for subsequently smoothing freshly produced elastic joints made with silicone, polyurethane or MS polymers
Application:	Brush, filling knife
Application rate:	According to needs

Quantity per pallet	288
Packaging unit	**1 kg** Plastic bottle
Container code	01
Art. no.	
7725	■

MultiSil

Universal alkoxy-cross-linking 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 construction, parquet etc. ■ Mounting of mirrors and plexiglass ■ Do not use on natural stone (e.g. marble) or for aquariums or underwater joints
Property profile:	■ Wear-resistant and streak-free ■ Coating-compatible according to DIN 52452, part 4 ■ Film preservative protects against microbial damage ■ Extremely strong adhesion ■ No need for an adhesive primer on many substrates
Application:	Spraying
Application rate:	Approx. 100 ml/running metre for a 1 cm² joint cross-section
Overcoating:	Skin formation: after approx. 8 minutes (practice values at 23 °C and 50% RH) Hardening: approx. 2 mm/day (practice values at 23 °C and 50% RH)

Quantity per pallet	1056	864
Packaging unit	**310 ml** Cartridge	**600 ml** Aluminium bag
Container code	12	60
Art. no.		
7378 window grey	■	■
7379 cement grey	■	
7380 transparent	■	■
7381 white	■	■
7382 medium brown	■	■
7385 brown	■	
7386 dark brown	■	■
7387 black	■	■
7388 Manhattan	■	■
7390 dark grey	■	■
7391 light grey/silver grey	■	■
7392 medium grey	■	■
7395 Oregon	■	■
7401 beige grey (RAL 7006)	■	
7403 moss green (RAL 6005)	■	
7389 special colour	■	■

window grey

cement grey
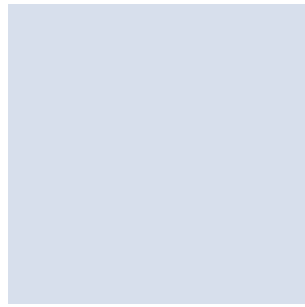
transparent
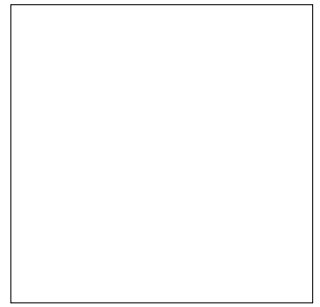
white

medium brown

brown
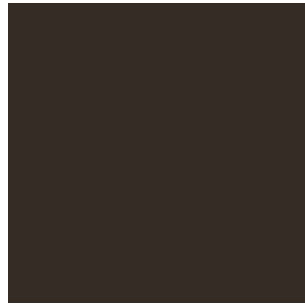
dark brown
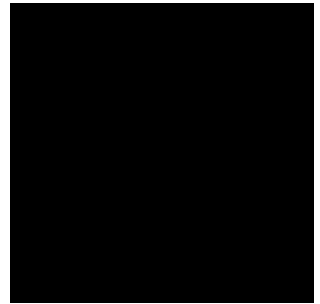
black

Manhattan
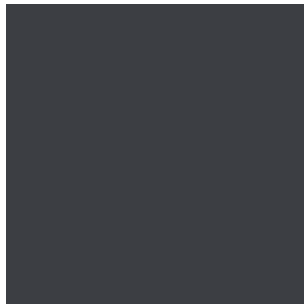
dark grey
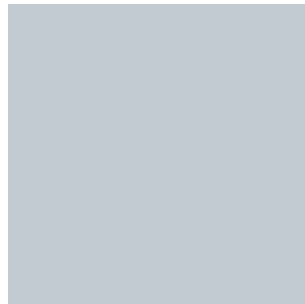
light grey/silver grey

medium grey

Oregon

beige grey   (RAL 7006)

moss green   (RAL 6005)

A dazzling array of colours

Opaque and 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 decorators
- 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 blending 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.
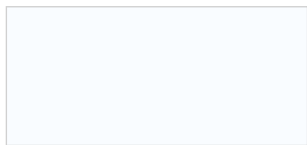
Opaque and translucent standard colours
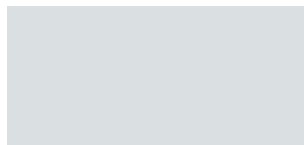
Impregnations and primers

clear

Aqua IG-15

IG-10

white

Aqua AG-26

AG-20-Allgrund

grey

Aqua AG-26

Aqua AG-28-2K

spruce

Aqua RG-27

red brown

Aqua AG-26

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

clear

Aqua HSL-35/m	Aqua DSL-55/m
HSL-30/m	Aqua DSL-55/sg
Aqua OML-48/tm	Aqua NEL-56/tm

clear UV+

Aqua MSL-45/sm

MSL-40/sm

pine (RC-270)

Aqua HSL-35/m

HSL-30/m

Aqua MSL-45/sm

light oak (RC-365)

Aqua HSL-35/m	Aqua OML-48/tm
HSL-30/m	MSL-40/sm
Aqua MSL-45/sm	Aqua DSL-55/sg

rustic oak (RC-360)

HSL-30/m

stone pine/larch (RC-260)

Aqua HSL-35/m	Aqua MSL-45/sm
HSL-30/m	Aqua NEL-56/tm

teak (RC-545)

Aqua HSL-35/m	Aqua OML-48/tm
HSL-30/m	MSL-40/sm
Aqua MSL-45/sm	Aqua DSL-55/sg

mahogany (RC-565)

HSL-30/m

chestnut (RC-555)

HSL-30/m

walnut (RC-660)

Aqua HSL-35/m	Aqua OML-48/tm
HSL-30/m	MSL-40/sm
Aqua MSL-45/sm	Aqua DSL-55/sg

rosewood (RC-720)

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

white (RC-990)

Aqua HSL-35/m	Aqua OML-48/tm
HSL-30/m	MSL-40/sm
Aqua MSL-45/sm	

silver grey (RC-970)

Aqua HSL-35/m	MSL-40/sm
HSL-30/m	Aqua OVL-49/tm
Aqua MSL-45/sm	

platinum grey (FT-26788)

HSL-30/m

graphite grey (FT-25416)

HSL-30/m

Please note: The colours shown in this brochure have been scanned in very carefully so that they reflect the original colour as accurately as possible. However, minor differences between the original and the photograph are possible. Therefore, always set up a trial area in order to assess the colour appearance before using the product.

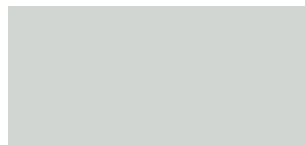# Weather protection paints, white and coloured varnishes
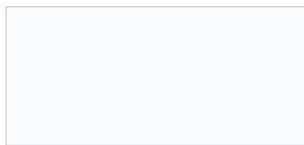
white (RAL 9016)

Aqua VL-66/sm   Aqua OWF-68/tm
Rofalin Acrylic   Aqua DL-65/m/
Rofalin Acrylic Plus   sm/ag
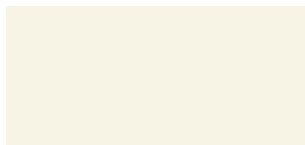
cream white (RAL 9001)

Aqua VL-66/sm
Rofalin Acrylic

light grey (RAL 7035)

Aqua VL-66/sm
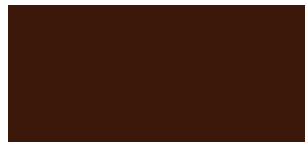Rofalin Acrylic

grey

Rofalin Acrylic

fir green (RAL 6009)

Aqua VL-66/sm
Rofalin Acrylic

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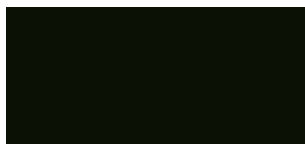
Aqua VL-66/sm
Rofalin Acrylic

dark brown

Rofalin Acrylic

Scandinavian red

Rofalin Acrylic

anthracite grey (RAL 7016)

Aqua VL-66/sm
Rofalin Acrylic

black

Rofalin Acrylic

Interior wood finishing

clear

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

natural effect

HSO-118 [eco]

intense white (RC-995)

OB-008
HSO-118 [eco]

light oak (RC-365)

OB-008
HSO-118 [eco]

teak (RC-545)

OB-008
HSO-118 [eco]

walnut (RC-660)

OB-008
HSO-118 [eco]

ebony (RC-790)

OB-008
HSO-118 [eco]

silver grey (RC-970)

OB-008
HSO-118 [eco]

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 and design-based protection

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 their 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 an especially high concentration of these lower organisms, which cause green discolouration and other optical damage on wood outdoors. HSL-30, MSL-40 and Aqua HSL-35 act as an algicide and prevent premature green discolouration. Other water-based 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.
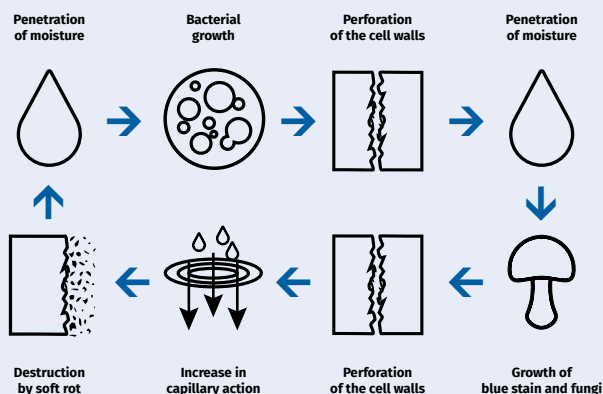
Wood-destroying insects

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 tolerance 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 thin-layer stains is preferred, so that the wood can breathe and the moisture can escape.

Penetration of moisture → Bacterial growth → Perforation of the cell walls → Penetration of moisture

Destruction by soft rot ← Increase in capillary action ← Perforation of the cell walls ← Growth of blue stain and fungi

The durability of wood types

When to use a wood finish – and when to apply an additional preservative?

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 non-durable 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.

Wood finish needed			
very durable		durable	
1	1 – 2	2	2 – 3
▪ Doussié ▪ Bangkirai ▪ Teak ▪ Basralocus ▪ Bilinga ▪ Afzelia	▪ Robinia ▪ Oak ▪ Western Red Cedar	Bongossi	▪ Sipo Mahogany ▪ Dark Red Meranti ▪ American White Oak ▪ Niangon ▪ Framire
Protective treatment with a wood preservative not necessary			

| Chemical wood preservative & finish necessary			
moderately durable		non-durable	
3	3 – 4	4	5
▪ Oregon Pine	▪ Douglas fir (depending on origin) ▪ Pine ▪ Larch ▪ Light Red Meranti ▪ Eucalyptus	▪ Spruce Fir ▪ American Red Oak ▪ Southern Pine ▪ Western Hemlock ▪ Hemlock	▪ Beech
Building elements exposed to weathering require protective treatment with a wood preservative			

Wood protection through design

## How to make sure that moisture has no chance to attack

Long-term exposure to moisture is the main cause of wood discolouration and wood-destroying fungi. To rule out this cause to the greatest extent possible, wood building elements for use outdoors must be constructed in such a way that contact with water can be largely avoided. If this is not possible it must be ensured that the wood can quickly dry again. Standing water should also be avoided on wood constructions. Design-based wood protection measures include, for example, ensuring sufficiently large roof overhangs, avoiding direct contact with the ground (remember to take splashing water into account), creating inclined surfaces or rounded edges, and covering 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.
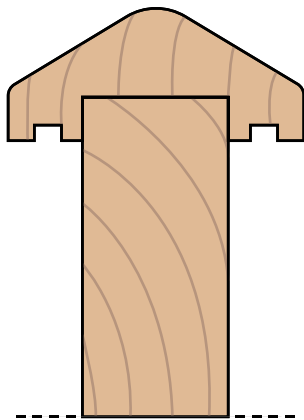
Providing covers and avoiding horizontal wood surfaces offers preventive protection against all types of moisture damage.
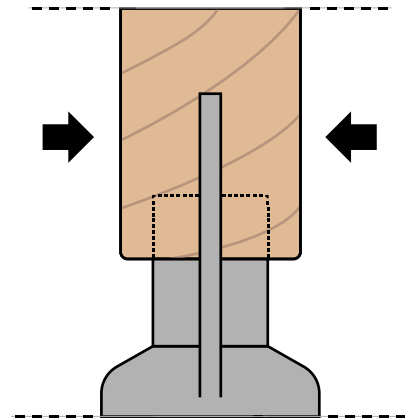
To keep wood structures away from ground moisture, standing water and splashing water, they are mounted on metal supports.
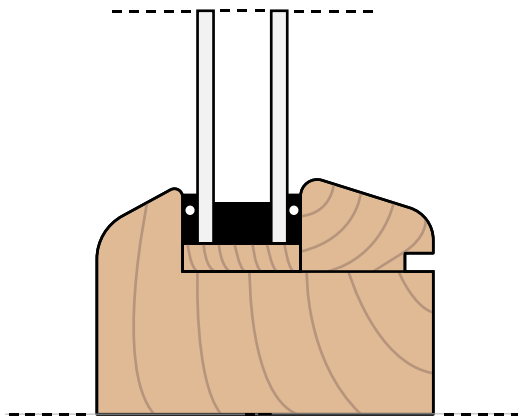
Rounded and slanted edges and surfaces make it easier for water to run off and can be used to protect wooden windows and doors, for example.
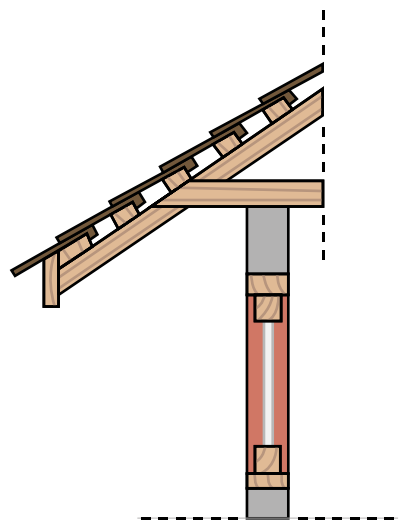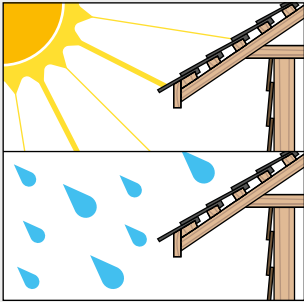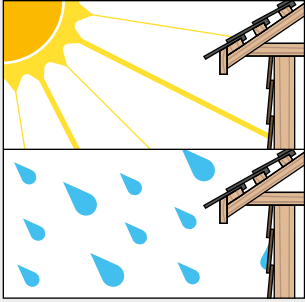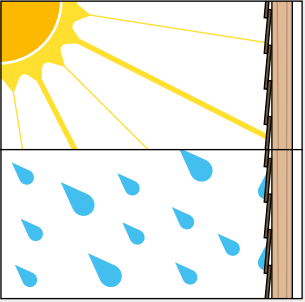
Large roof overhangs provide excellent protection for wood structures and facades, as well as wooden doors and windows.

The system solutions

Perfect coatings the quick and easy way

Maintenance intervals
for wood coatings

	Weathering (mild)	Weathering (moderate)	Weathering (heavy)
	NW (north-west) – NE (north-east) Moderate climate conditions	NE (north-east) – SE (south-east) Harsh climate conditions	SE (south-east) – NW (north-west) Extreme climate conditions
Exterior coating:	Components protected against precipitation and direct sunlight (e.g. roof soffits)	Rain and sun can directly attack the wood components (e.g. wood facades)	Components are exposed to heavy driving rain and extreme climate stresses
Low-build stain ■ Aqua HSL-35 ■ HSL-30	8 – 10 years	2 – 3 years	1 – 2 years
Medium-build stain ■ Aqua MSL-45/sm ■ Aqua OML-48/tm [eco] ■ MSL-40/sm	9 – 11 years	3 – 4 years	2 – 3 years
High-build stain ■ Aqua DSL-55/m/sg ■ Aqua NEL-56/tm	10 – 12 years 9 – 11 years	4 – 5 years 3 – 4 years	2 – 3 years 2 – 3 years
Opaque paints and coatings ■ Rofalin Acrylic (Plus) ■ Aqua VL-66/sm ■ Aqua DL-65/m/sm/sg ■ Aqua OWF-68/tm [eco]	12 – 15 years	3 – 8 years	2 – 5 years

Product systems for outdoor use

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 cottages ■ High-value garden timber ■ Wood-based panels as facade elements	■ Simple garden timber such as rustic fences, boardwalk ■ Privacy screens, pergolas, carports etc. play equipment ■ Sheds, barns ■ Rustic boarding, 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, drip-inhibited, 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 OVL-49/tm [eco]	2 – 3× Aqua OVL-49/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, drip-inhibited, 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 For 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 (emulsion 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 an adhesive bridge 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
	■ 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 cottages ■ High-value garden timber ■ Wood-based panels as facade elements	■ Simple garden timber such as rustic fences, boardwalk ■ Privacy screens, pergolas, carports etc. play equipment ■ Sheds, barns ■ Rustic boarding, planking
water-based Weather Protection Paint: matt	–	2× Rofalin Acrylic (Plus) [4,7,8]	2× Rofalin Acrylic (Plus) [4,7,8]
3in1 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]
Top PU: 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] 3in1 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]

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

Product systems for wood indoors

Coated, 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, interior doors and children's toys	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 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-Parkettlack
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 an adhesive bridge on many other substrates (e.g. metal, rigid PVC)

2 SG-20 Blocking Primer can be used for wood containing high levels of substances that can cause staining and exotic wood.

3 Stain with OB-008 Oil Stain to achieve the desired colour.

General tips on use

To achieve an optimum result, the following tips on use should be observed:

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 top to bottom. 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 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). Observe the Technical Data Sheet! The substrate, coating and air must be at this temperature, and the correct temperature must be ensured until the product is completely dry.
- Please 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.
- If the temperature drops below the specified level, film and adhesion problems may occur, which promote premature weathering.
- On new wood, the moisture content in the 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 on a top-up 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 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 followed in order to guarantee optimum protection.

Impregnation agents

Aqua p. 10

IG-10 p. 11

Primers

Aqua AG-26 p. 16

Aqua AG-28 p. 17

AG-20 p. 18

Aqua RG-27 p. 19

Low-build stains

Aqua HSL-35/m p. 22

HSL-30/m p. 23

Aqua OVL-49/tm [eco] p. 23

Medium-build stains

Aqua MSL-45/sm p. 28

Aqua OML-48/tm [eco] p. 29

MSL-40/sm p. 31

High-build stains

Aqua DSL-55 p. 34

Aqua NEL-56/tm p. 35

Weather protection paints

Aqua VL-66/sm   p. 38

Rofalin Acrylic (Plus)   p. 39

Aqua DL-65   p. 40

Aqua OWF-68 [eco] p. 41

Interior wood finishing

Aqua PL-413   p. 44

HSO-118 [eco]   p. 45

HWS-112   p. 46

OB-008   p. 47

Complementary products

AGE   p. 50

Induline Fast Filler p. 50

Protect MKT 1   p. 51

Induline 2K Filler   p. 51

Aqua OZA-90   p. 52

V 101   p. 52

Induline SW-910   p. 53

Aqua RK-898   p. 53

MultiBond Express p. 54

Silicone Remover   p. 54

Acryl 100   p. 55

Smoothing Agent   p. 55

MultiSil   p. 56