





Form and function in perfect harmony

System solutions for the timber industry

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The Remmers Group	

What are building elements with limited or no dimensional stability?

Overview of key components and substrates

Planed goods

Whether a timber facade is made of profiled weather-boarding, or rhomboid boards with an open-joined finish, a coating is essential in order to provide the finishing touch as well as long-lasting protection. Remmers offers a wide range of high-performance product systems for the industrial coating of facade, wall and ceiling cladding, as well as for decking boards and other planed goods.

Acetylated wood building elements

Wood products made from acetylated wood such as Accoya® and Medite® Tricoya® are modified with acetic anhydride in a technical procedure in order to improve their durability and dimensional stability. Nonetheless, it is generally still necessary to add protection against fungi that could discolour the wood, as well as effective moisture protection for the ends and cut surfaces. Suitable coating systems combine both of these aspects, as well as giving the building elements a stylish appearance.





Solid structural timber

Structural timber is used in timber construction and engineering, in particular for building walls, ceilings and roof structures. The wood is normally spruce or fir, but pine, larch and douglas fir may also be used. The Remmers product range contains a wide array of options for protecting interior and exterior timber constructions, as well as giving them a unique design flourish.

Laminated timber

Glued laminated timber is used in timber engineering to create structures that need to withstand heavy loads and/or span large distances. It is made of sheets of softwood that are glued together with their fibres aligned in parallel. This glued wood construction comes in three different quality grades for industrial use, visible applications, and applications requiring a particularly high-quality finish. Laminated beams consists of two or three square timbers that are glued together with their fibres aligned in parallel. The versatile system solutions from Remmers are ideal for providing conventional protection for laminated timber during transport and assembly, as well as for giving a refined and stylish finish to timber constructions.

Cross-laminated timber

Cross-laminated timber (CLT/XLAM) is the definitive building material of the 21st century. This extremely durable material comes in panels and is made from softwood. It can be used for a virtually unlimited range of applications in timber engineering, and is suitable for use in walls, ceilings and roofing. Cross-laminated timber is produced by building up multiple layers of sawn wood, with each layer oriented perpendicular to the previous one. This results in excellent dimensional stability. Specially selected coating systems provide a premium look and feel, while protecting the wood from environmental influences.

Softwood laminated veneer lumber

Laminated veneer lumber (LVL) consists of multiple layers of rotary-cut softwood that are glued together. It is one of the most durable wooden building materials in proportion to its weight, making it a popular solution for wall, ceiling and roof elements. Varnishes and stains from Remmers are the perfect finishing touch for this building material, and also provide protection against the elements.

Beechwood laminated veneer lumber

Laminated veneer lumber made from beechwood (BauBuche®) consists of layers of rotary-cut beechwood, with each layer oriented parallel or perpendicular to the previous one. Thanks to its excellent durability, it can be used to create comparatively streamlined structural elements. Beechwood is relatively susceptible to swelling. For this reason, hydrophobic treatment and end-grain wood protection are required in order to minimise water uptake by the building elements.



Building elements with limited or no dimensional stability



Multi-layer panels

Multi-layer panels are largely the same as cross-laminated timber. However, they consist of just three (three-layer board) or five (five-layer board) layers of sawn timber, and their middle layer is normally thicker than the outer layers. They are used in the joinery trade as well as in timber engineering, for instance as load-bearing elements.

Formwork beams

Softwood formwork beams have an I-shaped profile that gives them a high load-bearing capacity and dimensional stability at a comparatively low weight. Components that are designed to be durable and to withstand the stresses of the construction site need special coating systems that combine cost-effectiveness with resistance to all external influences.

Formwork boards

Formwork boards for concrete construction are normally plywood or solid wood panels made from spruce. Their surface is usually protected by a melamine resin layer or a UV coating. The sawn surfaces are sealed with durable, weatherproof special coatings.

Scaffolding planks/toe boards

Scaffolding planks and toe boards made from softwood play a vital role on every building site. Abrasion-resistant and weatherproof coatings keep the scaffolding in tip-top condition.

Cut surfaces/end-grain wood

Sealing cut and end-grain wood surfaces is essential for effective protection against moisture. Remmers offers a range of products for different requirements and areas of use, such as sealing and coating the edges of wood-based panels (e.g. for screen printing plates).

Sawn timber/construction timber

Timber products such as roof battens have colour-coding on their end faces so that their grading class is clearly discernible (S10 red, S13 blue). The use of a special colour code to mark sawn/construction timber makes pieces easy to identify and reduces water uptake via the end-grain wood.

Equestrian obstacles

Obstacles are a mainstay of the equestrian world. They are normally made from spruce wood and other wood-based materials, and are often used in highly visible situations, meaning that all eyes are on them. In addition to scoring points for design, a top-quality obstacle must also feature a surface coating that guarantees protection against impacts and weathering.

Screens

Fences, screens and balconies made of wood are directly exposed to the elements. This means that the coating systems used must be especially durable so that the visual impact of the wooden materials is not lost over time.

Seating furniture

Seating furniture made from wood looks natural and is highly durable. Every piece of furniture has its own unique character and individual flair thanks to the variations in the wood.





The Remmers system solutions

Product category	Product / Substrate	Page	Planed goods e.g. profiled boards, rhomboid planks,	Acetylated wood ** Accoya®, Medite® Tricoya®	Solid structural timber KVH	Laminated timber Glulam or duo and	Cross-lami- nated timber CLT/XLAM	Softwood laminated veneer lumber
			decking boards		•	trio beams	•	*
Impregnation agents	Induline SW-900	12	•	•	•	•	•	•
	Induline SW-900 IT	13	•		•	•	•	•
	IG-10 Impregnation Primer IT	14	~		•	*	✓	•
	Adolit BQ 20	15						
Hydrophobic	Induline IW-120	18						
treatments	Induline IL-170	19	~					
Primers	Induline GW-202 WF	22	•		•			
	Induline GW-330	23	•		•	•	•	•
	Induline GW-306	24	•		•	•	~	•
	Induline GW-360	25	~	•				
Translucent	Induline LW-710	30		•				
coatings	Induline LW-715E	31				**		•
	Induline LW-716 WF	33				•		•
	Induline LW-717 Grey Protect	34	•		•	•	•	•
	Induline LW-760	36	•	✓	. 🛦		. 🛦	. 🛦
	Aqua EAL-47/sm	37	~	*	~	V	V	~
	Induline GW-310 (WF) translucent		~	~	~	~	•	~
	Induline OW-815	41	~	•	•	•		•
	Induline LW-730 (WF)	42			•	~	~	~
	Induline LW-731 (WF)	43			~	~	~	~
	Induline LW-732 (WF)	44	•		~	~	•	
	HSL-30/m	46	~		~	~		
	Aqua HSL-35/m	47	•		~	~		
	Aqua MSL-45/sm	49			<u> </u>	~	~	~
Opaque	Induline GW-310 (WF) opaque	54	✓	•	✓			
coatings	Induline DW-610	55		~				
	Induline DW-660	56	~	~				
	Aqua EAD-67/sm	57	✓	~	✓	✓	~	✓
	Induline ZW-425	58					~	
	Induline DW-692	59					*	*
Special products	Induline SW-910	62	✓	~	✓	*	~	*
	Formwork Protection 1K-PUR							
	Induline SW-960	64						
	Induline SW-961	65						
	Induline SW-962	67						
	Induline SW-965	68						
	Induline SW-966	69						
UV coatings	UV17-17	72						
	UV120-105	72						
	UV120-72	73	✓					
	UV100-40A	73						
Supplementary	Aqua RK-898	76						
products	V-890	76						
	Induline Fast Filler	77						
	Induline 2K Filler	77						

Use biocides safely. Always read the label and product information before use.
 Owing to the particular properties of acetylated wood, please consult the Remmers Technical Service before applying a coating.

Beechwood laminated veneer lumber	Multi-layer panels Three- and five-layer panels	Formwork beams	Formwork boards	Scaffolding planks & toe boards	Cut surfaces/ end-grain wood	Sawn/ construction timber Marking and impregnation	Equestrian obstacles	Screens e.g. fences, balconies	Seating furniture for outdoor use
	✓							✓	✓
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Impregnation agents

For highly durable wood building elements

Impregnation agents from Remmers protect wood against fungi that can cause damage and discolouration, and against insects and termites too. Whether water-based or solvent-based, the active agents penetrate deeply into the wood and are suitable for all types of wood building elements, whether they have no dimensional stability (e.g. fences and timber cladding), limited dimensional stability (e.g. matchboarding and summerhouses), or are dimensionally stable (e.g. windows and doors).





Induline SW-900

Water-based impregnation agent for protection against rot and blue stain



Induline SW-900 IT

Water-based impregnation agent for protection against rot, blue stain, 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



Adolit BQ 20

Water-soluble, heavy-metalfree, liquid, wood preservative concentrate

Induline SW-900

Water-based impregnation agent for protection against rot and blue stain

Range of use:	 Exterior wood with no ground contact Softwood and hardwood Dimensionally stable wood building elements: e.g. windows and doors Wood building elements with limited dimensional stability: e.g. folding shutters, matchboarding, summerhouses Wood building elements with no dimensional stability: e.g. fences, framework, carports, cladding
Property profile:	 Protection against rot and blue stain Provides protection against moisture, especially in end-grain areas Reduces spotting when used in combination with coloured primers Raises the fibres so they can be removed during the first sanding operation
Application / Tips on use:	 Qualified specialist firms: brushing, dipping, flow-coating and spraying in closed systems only Once dry, apply further coatings Seal opened containers well and use contents as soon as possible Observe the information sheets "Upkeep and Maintenance of Dipping Tanks and Flow Coating Facilities" and "Information on Workplace Hygiene" Use biocides safely Always read the label and product information before use
Application rate:	80 – 90 ml/m² per coat
Overcoating:	After 4 hours (practice values at 23 °C and 50 % RH)

Quantity per pallet	96	22	4	1
Packaging unit	5 l Tin bucket	20 l Tin bucket	120 l Plastic drum	1000 l Plastic container
Container code	05	20	68	61
Art. no.				
3776 clear	•			•





System products	Art. no.
Induline GW-202 WF	(2480)
Induline GW-330	(3388)
Induline GW-360	(3201)
Induline ZW-425	(7918)
Induline DW-610	(2482)
Induline DW-660	(3904)
Aqua EAD-67/sm	(3042)
Induline LW-710	(3987)
Induline LW-717 Grey Protect	(1641)
Induline LW-760	(3906)
Aqua EAL-47/sm	(3040)
Induline LW-730	(7822)
Induline LW-731	(7826)
Induline LW-732	(7832)

Induline SW-900 IT

Water-based impregnation for protection against soft rot, blue stain, insects and termites

Range of use:	 Exterior wood with no ground contact Softwood and hardwood Dimensionally stable wood building elements: e.g. windows and doors Wood building elements with limited dimensional stability: e.g. folding shutters, matchboarding, summerhouses Wood building elements with no dimensional stability: e.g. fences, framework, carports, cladding Load-bearing wood elements under roofs (e.g. trusses)
Property profile:	 Protection against rot, blue stain, insects and termites Provides protection against moisture, especially in end-grain areas Reduces spotting when used in combination with coloured primers Raises the fibres so they can be removed during the first sanding operation
Application / Tips on use:	 Qualified specialist firms: Brushing, dipping, flow-coating and spraying in closed systems only Once dry, apply further coatings Seal opened containers well and use contents as soon as possible Observe the information sheets "Upkeep and Maintenance of Dipping Tanks and Flow Coating Facilities" and "Information on Workplace Hygiene" Use biocides safely Always read the label and product information before use
Application rate:	100 ml/m² wood surface
Overcoating:	After 4 hours (practice values at 23 °C and 50 % RH)

Quantity per pallet	22	2
Packaging unit	20 l Tin bucket	200 l Tin drum
Container code	20	69
Art. no.		
3781 clear		•





System products	Art. no.
Induline GW-202 WF	(2480)
Induline GW-330	(3388)
Induline GW-360	(3201)
Induline ZW-425	(7918)
Induline DW-610	(2482)
Induline DW-660	(3904)
Aqua EAD-67/sm	(3042)
Induline LW-710	(3987)
Induline LW-717 Grey Protect	(1641)
Induline LW-760	(3906)
Aqua EAL-47/sm	(3040)
Induline LW-730	(7822)
Induline LW-731	(7826)
Induline LW-732	(7832)





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:	 Exterior wood Wood without ground contact as per DIN EN 335-1, use classes 2 and 3 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 Load-bearing components under roofs (e.g. trusses) Dimensionally stable wood building elements (as 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 recreation rooms, with the exception of the insides of windows and doors. Undeveloped attics, commercially used premises and generally uninhabited interior rooms are not considered recreation rooms. 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 compatible with all subsequent coatings Cost-effective thanks to low application rate
Application:	 Brushing, dipping, flow-coating and spraying in closed systems only Always read the label and product information before use
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)

Quanti	ity per pallet	87	50	22
Packag	ging unit	5 l Tin canister	10 l Tin canister	20 l Tin bucket
Contai	ner code	05	10	20
Art. no	.			
7144	clear	•	•	•
7142	light brown	•		•
7143	dark brown	•		•





System products	Art. no.
Aqua AG-26	(7147)
Aqua MSL-45/sm	(7130)
Aqua OML-48/tm [eco]	(7710)
MSL-40/sm	(7240)
Aqua DSL-55	(7220)
Aqua VL-66/sm	(7090)
Rofalin Acrylic	(2330)
Rofalin Acrylic Plus	(2329)
Aqua DL-65	(7200)
Aqua OWF-68/tm [eco]	(7740)

Adolit BQ 20

Water-soluble, heavy-metal-free, liquid, wood preservative concentrate

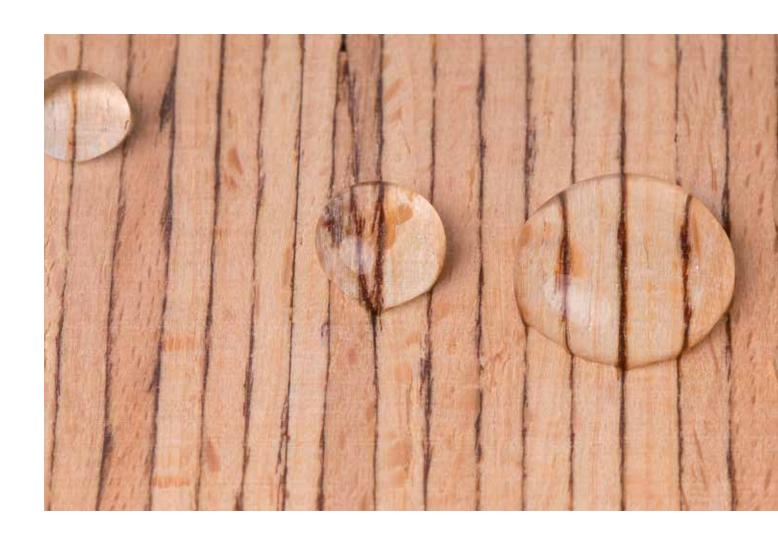
Range of use:	 Interior and exterior wood Wood without ground contact as per DIN EN 335-1, use classes 1 and 2 Load-bearing elements under roofs (e.g. trusses) Non-load-bearing wood elements Suitable for solid structural timber (KVH)
Property profile:	 Preventive protection against wood-destroying insects and fungi Temporary protection against blue stain and mould during drying Cost-effective: low-concentrate, low application rate, short dipping time UV-stable control dyes Inhibits corrosion Very good solubility Easy-to-measure concentration Long-term stability of active agents Can be pigmented with Adolit Colour Concentrate (BQ)
Certificates / test standards:	Approved as per Biocidal Products Regulation (E) No 528/2012
Application / Tips on use:	 Application by brush, dipping or spraying tunnel After treatment, store wood in a sheltered place for at least 2 days for drying/fixation and to prevent the preservative from being washed out Always read the label and product information before use
Application rate:	Use class 1 and 2 = 10 g wood preservative concentrate/m² wood
Further processing:	Fixation: min. 48 hours Overcoating: min. 4 weeks (practice values at 20 °C and 65 % RH)

Quant	ity per pallet	24	4	1
Packa	ging unit	30 kg Hobbock	120 kg Plastic drum	1100 kg Plastic container
Contai	iner code	30	68	61
Art. no).			
2552	clear	•	•	•
2553	yellow	•	•	•
2554	brown	•	•	-
2555	green	•	•	-





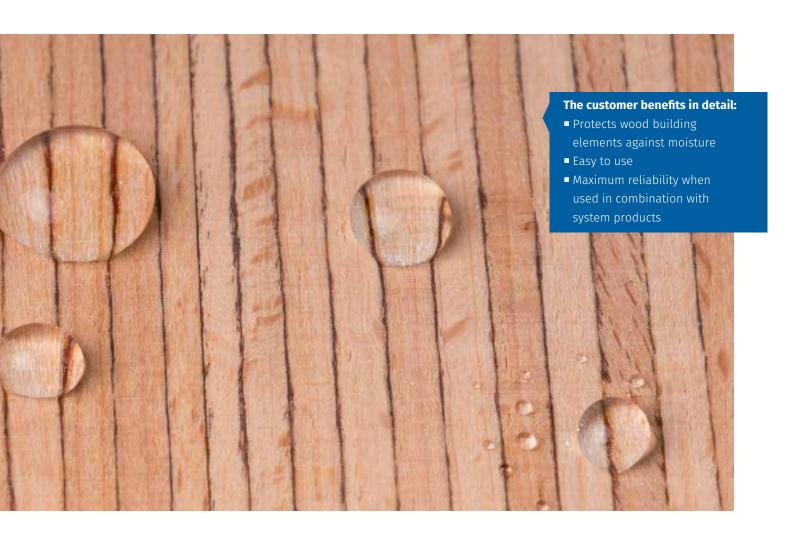
System products	Art. no.
Adolit Colour Concentrate (BQ)	(4188)
Decorative Wax Stain	(2400)
Aqua HSL-35/m*	(7120)
MSL-40/sm	(7240)
AG-20 Universal Primer	(7150)
Opaque Coating 3 in 1	(2705)
HSL-30/m*	(7100)



Hydrophobic treatments

Effective protection against moisture for wood building elements

Induline hydrophobic coatings provide effective protection against moisture for the building material BauBuche®. Applying a hydrophobic treatment at the production plant minimises water absorption and the associated dimensional changes in the wood building elements due to swelling of the material during transport and construction.





Induline IW-120

Water-based, clear, liquid hydrophobic treatment for temporary protection of BauBuche®



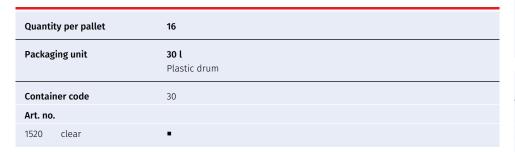
Induline IL-170

Solvent-based, clear, liquid hydrophobic treatment for temporary protection of BauBuche®

Induline IW-120

Water-based, clear, liquid hydrophobic treatment for temporary protection of BauBuche®

Range of use:	 Interior wood and wood in protected outdoor areas Impregnation/hydrophobic treatment of BauBuche® at the factory Temporary moisture protection during transport and construction
Property profile:	 Hydrophobic, non-film-forming, water-based moisture protection for reducing water absorption and swelling while installing building materials
Application:	Brush, dipping, automatic brushing
Application rate:	Approx. 130 – 180 ml/m ² The application rate may vary considerably depending on the area of the cut edges and the end-grain of the wood. Representative immersion tests should be carried out on suitable test specimens before beginning the process.
Overcoating:	After min. 12 hours (practice values at 20 °C and 65 % RH)





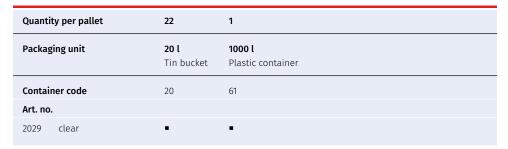


System products	Art. no.
Aqua MSL-45/sm	(7130)
Aqua DSL-55	(7220)
Induline SW-910	(3777)

Induline IL-170

Solvent-based, clear, liquid hydrophobic treatment for temporary protection of BauBuche®

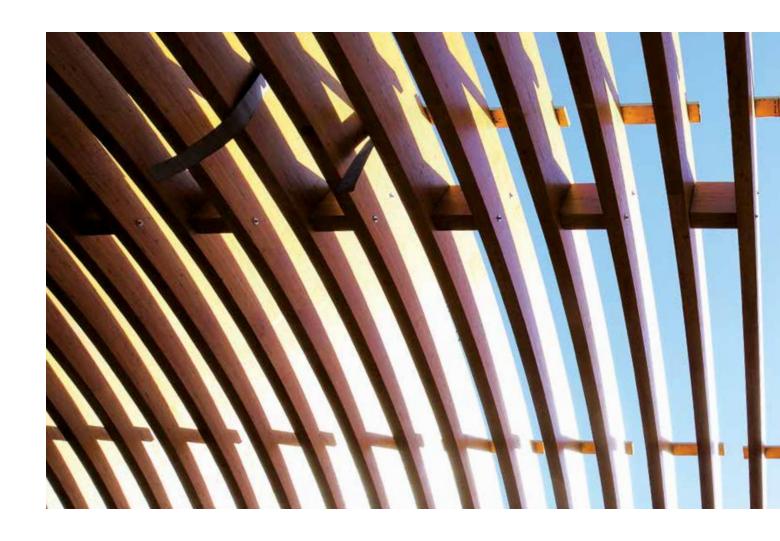
Range of use:	 Interior wood and wood in protected outdoor areas Impregnation/hydrophobic treatment of BauBuche® at the factory Temporary moisture protection during transport and construction
Property profile:	 Hydrophobic, non-film-forming, solvent-based moisture protection for reducing water absorption and swelling while installing building materials
Application:	Brush, dipping
Application rate:	Approx. 130 – 180 ml/m ² The application rate may vary considerably depending on the area of the cut edges and the end-grain of the wood. Representative immersion tests should be carried out on suitable test specimens before beginning the process.
Overcoating:	After min. 48 hours (practice values at 20°C and 65% RH)







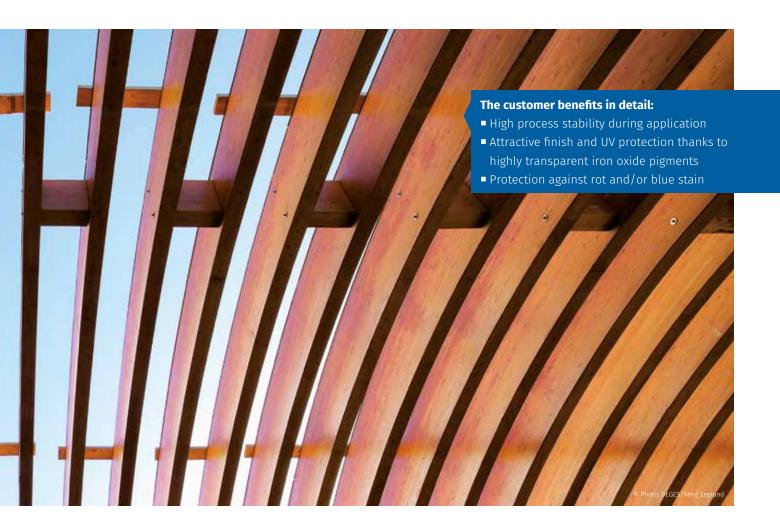
System products	Art. no.
Aqua MSL-45/sm	(7130)
Aqua DSL-55	(7220)
Induline SW-910	(3777)
IG-10 Impregnation Primer IT*	(7144)



Primers

Perfectly prepared surfaces for subsequent coatings

Induline primers create the perfect conditions for adhesion between the substrate and the subsequent coating. This is a fundamental requirement for durable surfaces. Depending on the desired surface finish or the type of wood, Induline primers can also perform a range of additional functions, such as UV protection thanks to highly transparent iron oxide pigments, or protection against fungi that can cause damage and discolouration.





Induline GW-202 WF

Water-based, white primer for wood building elements with limited or no dimensional stability



Induline GW-330

Universal, water-based, translucent primer for building elements with limited or no dimensional stability



Induline GW-306

Water-based primer with protection against soft rot and blue stain



Induline GW-360

Universal, water-based, translucent primer with film preservative

Induline GW-202 WF

Water-based, white primer for wood building elements with limited or no dimensional stability

Range of use:	 Interior and exterior wood Softwood Building elements with no or limited dimensional stability Industrial series production (VACUMAT®)
Property profile:	 Fast drying Good block resistance Good hiding power Water-based: no unpleasant odours, tools can be cleaned with water Free from film preservation and wood protection biocides
Application / Tips on use:	 VACUMAT®, acrylic brush, spraying equipment Stir well, including during application or after a break in work Always read the label and product information before use
Application rate:	80 – 120 ml/m² per coat
Overcoating:	After approx. 1 hour (practice values at 20 °C and 65 % RH) Overcoating after forced drying: approx. 30 minutes depending on the system / the workpiece must be cooled to < 25 °C prior to packing





System products	Art. no.
Induline SW-900*	(3776)

Quantity per pallet	22	4	1	1
Packaging unit	20 l Tin bucket	120 l Plastic drum	600 l Plastic container	1000 l Plastic container
Container code	20	68	61	63
Art. no.				
2480 white			•	•
2488 special colours	•	•		

Induline GW-330

Universal, water-based, translucent primer for building elements with limited or no dimensional stability

Range of use:	 Interior and exterior wood Softwood and hardwood 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, cladding Temporary protection against dirt for laminated beams during transport and construction Not for use on floors
Property profile:	 Can be stacked wet-on-wet Quick-drying Water-based: no unpleasant odours, tools can be cleaned with water Breathable Does not flake
Application / Tips on use:	 Brush, roller, dipping, flow coating, VACUMAT® Stir well, including during application or after a break in work Apply further coatings once dry Observe the information sheets "Upkeep and Maintenance of Dipping Tanks and Flow Coating Facilities" and "Information on Workplace Hygiene" Always read the label and product information before use
Application rate:	30 – 80 ml/m² depending on the application method, wood type and surface properties
Overcoating:	After approx. 1 hour (practice values at 20 °C and 65 % RH)

Quanti	ty per pallet	96	22	4	1	
Packag	ging unit	5 l Tin bucket	20 l Tin bucket	120 l Plastic drum	1000 l Plastic container	
Contai	ner code	05	20	68	61	
Art. no						
3388	clear				•	
3389	special colours	-	•	•	•	





System products	Art. no.
Induline SW-900*	(3776)
Induline SW-910	(3777)





Induline GW-306

Water-based primer with protection against soft rot and blue stain

Range of use:	 Exterior wood with no ground contact Softwood and hardwood Dimensionally stable wood building elements: e.g. windows and doors Wood building elements with limited dimensional stability: e.g. folding shutters, matchboarding, summerhouses Wood building elements with no dimensional stability: e.g. fences, framework, carports, cladding
Property profile:	 Ready to apply by dipping or flow coating Very good flow behaviour on untreated wood Good pore wetting Outstanding (wet) adhesion Preventive protection against wood-discolouring fungi (blue stain) and wood-destroying fungi (rot)
Application / Tips on use:	 Qualified specialist firms: application by brush, dipping, flow coating, spraying only in closed facilities Apply forced drying to tannin-containing woods In case of rising viscosity due to evaporation, water should be added (target viscosity: clear, special colours, lignin-stabilising: runout time approx. 23 – 27 s in 3 mm ISO cup, white: runout time approx. 35 – 45 s in 3 mm ISO cup) If foaming occurs in the flow coating system, it is recommended to add 0.2 – 1.0 % defoamer VP 9325 (Art. 3231) Once dry, apply further coatings Seal opened containers well and use contents as soon as possible Observe the information sheets "Upkeep and Maintenance of Dipping Tanks and Flow Coating Facilities" and "Information on Workplace Hygiene" Use biocides safely Always read the label and product information before use
Application rate:	120 – 140 ml/m²
Overcoating:	After approx. 4 hours (practice values at 23°C and 50% RH)

Quanti	ty per pallet	96	22	4	1
Packag	ging unit	5 l Tin bucket	20 l Tin bucket	120 l Plastic drum	1000 l Plastic container
Contai	ner code	05	20	68	61
Art. no					
3488	clear	•	•		•
3476	clear (lignin-stabilising)	•	•	•	
3477	white	•	•	•	
3489	special colours	•	•	•	•





System products	Art. no.
Induline LW-700	(3400)
Induline LW-715E	(1798)
Induline DW-601 Aqua Stopp	(1725)
Induline DW-691	(3070)
Induline ZW-400	(3900)
Induline ZW-425	(7918)
Induline LW-725	(3941)
Induline DW-625	(1764)
Induline DW-692	(3056)





Induline GW-360

Universal, water-based, translucent primer with film preservative

Range of use:	 Exterior wood Softwood and hardwood Dimensionally stable wood building elements: e.g. windows and doors Wood building elements with limited dimensional stability: e.g. folding shutters, matchboarding, summerhouses Wood building elements with no dimensional stability: e.g. fences, framework, carports, cladding Low-build stain on building elements with no dimensional stability Not for use on floors
Property profile:	 Outstanding (wet) adhesion Good pore wetting performance Good flow characteristics on untreated and impregnated wood Film preservative protects against microbial damage Weather resistant
Application / Tips on use:	 Brush, dipping, flow coating, spraying only in closed facilities Apply forced drying to tannin-containing woods In case of rising viscosity due to evaporation, water should be added (target viscosity: runout time approx. 23 – 27 s in 3 mm ISO cup) If foaming occurs in the flow coating system, it is recommended to add 0.2 – 1.0% defoamer VP 9325 (Art. 3231) Once dry, apply further coatings Seal opened containers well and use contents as soon as possible Observe the information sheets "Upkeep and Maintenance of Dipping Tanks and Flow Coating Facilities" and "Information on Workplace Hygiene" Always read the label and product information before use
Application rate:	80 – 120 ml/m² depending on method, wood type and surface properties
Overcoating:	After approx. 2.5 hours (practice values at 23 °C and 50 % RH)

Quant	ity per pallet	96	22	4	1
Packa	ging unit	5 l Tin bucket	20 l Tin bucket	120 l Plastic drum	1000 l Plastic container
Contai	iner code	05	20	68	61
Art. no).				
3201	clear	•	•	•	•
3203	pine (RC-250)	•	•		
3204	teak (RC-551)	•	•		
3206	afrormosia (RC-450)	•	•		
3207	wenge (RC-770)		•		
3275	hemlock (RC-150)		•		
3276	oak (RC-350)	•	•		
3277	nutwood (RC-652)	•	•		
3278	palisander (RC-750)		•		
3202	special colours	•	•	•	•





System products	Art. no.
Induline SW-900*	(3776)
Induline LW-700	(3400)
Induline LW-715E	(1798)
Induline LW-725	(3941)
Induline DW-601 Aqua Stopp	(1725)
Induline DW-691	(3070)
Induline SW-935	(3786)
Induline ZW-502i	(1633)
Induline ZW-504i	(3453)
Induline ZW-507i	(1636)
Induline ZW-420	(3902)
Induline LW-720	(3996)
Induline LW-721/05	(5105)
Induline LW-722 [eco]	(5100)
Induline NW-740/05	(7920)



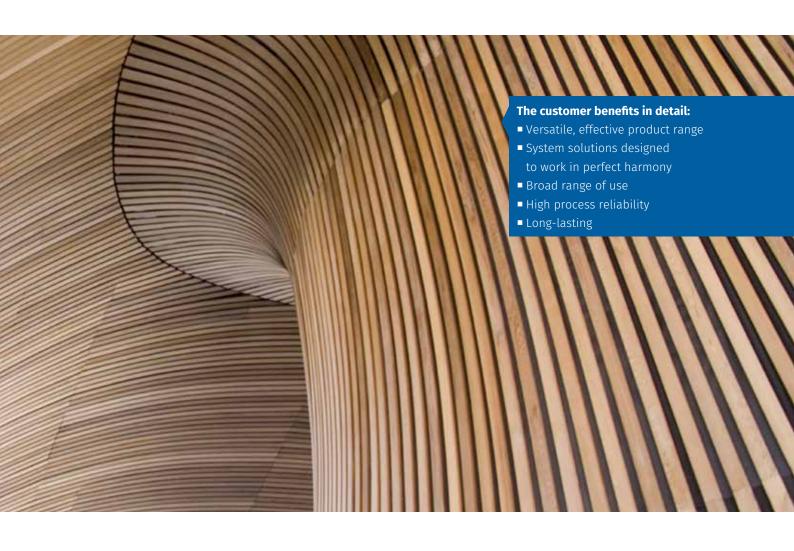




Translucent coatings

A wide array of applications and designs

Throughout history, wood has been a vital natural building material for humans thanks to its versatility and its excellent performance in a wide variety of projects in construction and beyond. This versatility is reflected in the range of translucent coating systems offered by Remmers, whose product portfolio contains the ideal solution for every application – from industrial series production with extremely high throughputs, to the construction of spectacular timber structures using bonded wood.





Induline LW-710

Water-based low-build stain for interior and exterior wood, for brush and spray application



Induline LW-760

Water-based stain with film preservative for VACUMAT® processing



Induline LW-715E

Water-based, varnishing intermediate and final coat especially suited to electrostatic spraying



Induline LW-716 WF

Water-based UV protection finish for interior wood



Induline LW-717 Grey Protect

Water-based pre-greying stain for exterior wood



Aqua EAL-47/sm

Translucent, water-based all-inone coating system for coating and renovating high-grade exterior timber constructions, for brush, roller and spray application



Induline GW-310 (WF)

Translucent, water-based coating with blue stain protection, for dipping and flow coating and for industrial series production



Induline OW-815

Water-based surface protection for decking boards





Induline LW-730 (WF)Water-emulsified low-build stain



Induline LW-731 (WF)Water-emulsified, film-forming stain



Induline LW-732 (WF)Water-emulsified medium-build stain



HSL-30/m Solvent-based premium wood preservative stain with increased efficacy for professional use



Aqua HSL-35/mWater-based, quick-drying premium wood preservative stain for professional use



Aqua MSL-45/sm
Decorative, water-based mediumsolid gel stain with very high UV protection for universal use on exterior and interior wood

Translucent system solutions

For wood building elements with limited or no dimensional stability

Range of use	System configuration	Application rate [ml/m²]	Brushing quality for maintenance and renovation coatings
Efficient industrial coating of matchboarding and rhomboid boards made of softwood	1× Induline SW-900* (optional) 2× Induline LW-760	(80 – 90) 80 – 100	Aqua EAL-47/sm
Industrial coating of matchboarding and rhomboid boards made of acetylated wood	1× Induline GW-310*, translucent 2× Induline LW-760	80 - 120 80 - 100	Aqua EAL-47/sm
3 in 1 low-build system with blue stain protection for matchboarding and rhomboid boards made of softwood	2× Induline GW-310*, translucent	100 – 120	Aqua HSL-35/m* Induline GW-310*, translucent
Low-build system for matchboarding and rhomboid boards made of softwood	1× Induline SW-900* (optional) 2× Induline LW-717	(80 – 90) 80 – 120	Induline LW-717 or Aqua HSL-35/m*
Factory pre-greying for matchboarding and rhomboid boards made from softwood	1× Induline SW-900* (optional) 1× Induline LW-717 Grey Protect	(80 – 90) 80 – 120	Induline LW-717 Grey Protect (diluted 1:1 with water or Induline LW-717 Grey Protect, clear)
UV protection coating for laminated timber and matchboarding and rhomboid boards in interiors	2× Induline LW-716 WF	80 – 120	Induline LW-716 WF
Weatherproof surface protection for softwood decking boards	1× Induline SW-900* (optional) 1 – 2× Induline OW-815	(80 – 90) 60 – 80	Induline OW-815
Weatherproof surface protection for decking boards and garden furniture made of acetylated wood	1× Induline SW-900* 2× Induline OW-815	80 - 90 60 - 80	Induline OW-815
Balconies	1× Induline SW-900 IT* 1× Induline SW-910 (end-grain wood) 2 – 3× Induline LW-710	100 approx. 100 100 – 150	Induline LW-710
Folding shutters and fences	1× Induline GW-310*, translucent 1× Induline SW-910 (end-grain wood, optional) 2× Induline LW-710 or Aqua EAL-47/sm	80 - 120 (approx. 100) 100 - 150	Induline LW-710 or Aqua EAL-47/sm
Outdoor seating furniture (variant 1)	1× Induline GW-310*, translucent 1× Induline SW-910 (end-grain wood, optional) 2× Induline LW-710	80 - 120 (approx. 100) 100 - 150	Induline LW-710
Outdoor seating furniture (variant 2)	1× Induline SW-900 * 1× Induline SW-910 (end-grain wood, optional) 2× Induline GW-310 WF	80 - 90 (approx. 100) 80 - 120	Induline GW-310 WF

Induline LW-710

Water-based low-build stain for interior and exterior wood, for brush and spray application

Range of use:	 Interior and exterior wood Softwood and hardwood 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, cladding Primer, intermediate and finishing coats
Property profile:	 Water-based: no unpleasant odours, tools can be cleaned with water Good flow properties Quick drying: 2 coats can be applied in one day Breathable Outstanding (wet) adhesion High durability thanks to special combination of binders Does not flake Free from film preservation and wood protection biocides
Application / Tips on use:	 Brush, roller, spray application Airless/airmix spraying equipment, flow cup gun, acrylic brush, microfibre paint roller Airless spraying: nozzle: 0.28 mm, material pressure: 80 – 120 bar Airmix spraying: nozzle: 0.28 mm, material pressure: 60 – 100 bar atomiser air pressure: 1.2 – 2.0 bar Flow cup gun: nozzle: 1.8 – 2.0 mm, atomiser air pressure: 2 – 2.5 bar Stir well, including during application or after a break in work Always read the label and product information before use
Application rate:	100 – 150 ml/m² per coat (min. 2 coats)
Overcoating:	Dust-dry: after approx. 1 hour Next coat: after approx. 4 hours (at 23 °C and 50 % RH)

Quanti	ty per pallet	96	22
Packas	ging unit	5 l Tin bucket	20 l Tin bucket
Contai	ner code	05	20
Art. no			
3987	clear		•
3988	special colours	•	•





System products	Art. no.
Induline SW-900*	(3776)
Induline GW-310*	(3385)
Induline GW-310 WF	(3383)

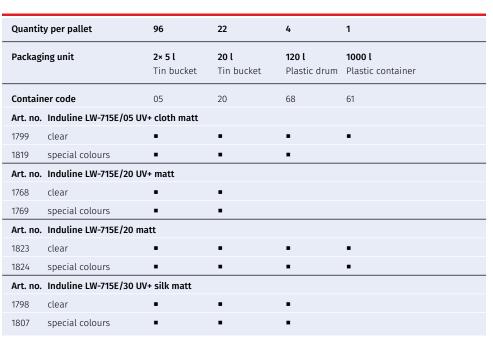




Induline LW-715E

Water-based, varnishing intermediate and final coat especially suited to electrostatic spraying

Range of use:	 Interior and exterior wood Softwood and hardwood Dimensionally stable wood building elements: e.g. windows and doors Protected constructions: e.g. wood-aluminium windows Wall and ceiling elements made of cross-laminated timber (CLT) and laminated veneer lumber (LVL) Intermediate and finishing coats Single coat and multi-coat procedure Electrostatic and non-electrostatic spray application 	
Property profile:	 Good flow properties UV-resistant and colourfast Block resistant (as per Code of Practice HO.03) High durability thanks to special combination of binders 	
Application / Tips on use:	 Airless spraying: nozzle: 0.28 - 0.33 mm, material pressure: 70 - 90 bar Airmix spraying: nozzle: 0.28 - 0.33 mm, material pressure: 70 - 90 bar atomiser air pressure: 1 - 2 bar Always read the label and product information before use. 	
Application rate:	150 – 275 ml/m² (plus spraying loss)	
Overcoating:	After approx. 4 hours (practice values at 23 °C and 50 % RH)	







System products	Art. no.
Induline SW-900*	(3776)
Induline GW-306*	(3488)
Induline GW-360	(3201)
Induline ZW-502i	(1633)
Induline ZW-504i	(3453)
Induline ZW-507i	(1636)
Induline SW-935	(3786)
Induline GW-390	(7950)
Induline Mix & Go Brushing Additive	(3246)







 $[\]ensuremath{^\star}$ Use biocides safely. Always read the label and product information before use.



Induline LW-716 WF

Water-based UV protection finish for interior wood

Range of use:	 Interior wood Softwood and hardwood Especially suitable for softwoods, in particular spruce/fir Building elements with no or limited dimensional stability Wall and ceiling elements made of cross-laminated timber (CLT) and laminated veneer lumber (LVL) Wood building elements made of glued laminated timber, laminated beams (duo & trio) and solid structural timber (KVH) Industrial series production (VACUMAT®) Primer & topcoat
Property profile:	 Contains UV blockers to delay yellowing of the wood substrate Water repelling effect Free from film preservation and wood protection biocides Good flow properties Does not flake Does not tear
Application / Tips on use:	 Brush, VACUMAT®, spraying equipment Do not apply in direct sunlight Stir the material thoroughly, including while working or after breaks in work Once dry, apply a 2nd coat if necessary Always read the label and product information before use
Application rate:	Approx. 80 – 120 ml/m² per coat
Overcoating:	After approx. 4 hours (practice values at 20 °C and 65% RH)

Quanti	ty per pallet	22	4	1
Packag	ging unit	20 l Tin bucket	120 l Plastic drum	1000 l Plastic container
Contai	ner code	20	68	61
Art. no				
3497	clear	•	•	
3498	special colours	•		







Induline LW-717 Grey Protect

Water-based pre-greying stain for exterior wood

Range of use:	 Exterior wood Softwood Wood building elements with limited dimensional stability: e.g. matchboarding, facade elements Wood building elements with no dimensional stability: e.g. fences, framework, carports, cladding Not suitable for coating floors (terraces, wooden decking etc.)
Property profile:	 Natural grey tones for exterior wood Especially natural appearance on textured wood Maintenance-free: uniform transition from pre-greying to natural greying due to weathering Evens out colour differences in areas with different levels of weathering Water-based: no unpleasant odour, tools can be cleaned with water Outstanding (wet) adhesion Good block resistance Breathable Film preservative protects against microbial damage Grey Protect colours with a metallic effect: RC-972 quartz grey, RC-961 reed, RC-971 sage, FT-26788 platinum grey, FT-25416 graphite grey Grey Protect colours without a metallic effect: FT-20930 misty grey, FT-20931 window grey, FT-20929 ore grey, FT-20923 granite grey, RC-970 silver grey, FT-20924 water grey
Application / Tips on use:	 Industrial series production (VACUMAT®, board coating machine) brushing, spraying Brush application: flat brush, synthetic bristles Spraying: Airless/airmix spraying equipment Stir well, including during application or after a break in work Always read the label and product information before use
Application rate:	80 – 120 ml/m² in one coat
Overcoating:	Stackable after 12 hours of drying (practice values at 20°C and 65 % RH) Stackable after forced drying: approx. 20 minutes depending on the system / the workpiece must be cooled to < 25°C prior to packing





System products	Art. no.
Induline SW-900*	(3776)
Induline SW-900 IT*	(3781)
Induline SW-910	(3777)

Quantity per pallet	96	22	4
Packaging unit	5 l Tin bucket	20 l Tin bucket	120 l Plastic drum
Container code	05	20	68
Art. no.			
1641 special colour	•	•	•



Solid colours



Metallic colours



Induline LW-760

Water-based stain with film preservative for VACUMAT® processing

Range of use:	 Exterior wood Softwood, preferably spruce/fir Building elements with no or limited dimensional stability Industrial series production (VACUMAT®) Primer, intermediate and finishing coats
Property profile:	 Good flow properties Quick-drying Early block resistance Water vapour permeable Weatherproof and moisture-regulating Film preservative protects against microbial damage High durability thanks to special combination of binders
Application / Tips on use:	 VACUMAT®, spraying equipment Stir well, including during application or after a break in work Once dry, apply further coatings Always read the label and product information before use
Application rate:	Approx. 80 ml/m² per coat (min. 2 coats)
Overcoating:	After approx. 4 hours (practice values at 20 °C and 65% RH) Overcoating after forced drying: approx. 20 minutes depending on the system / the workpiece must be cooled to < 25 °C prior to packing

Quanti	ty per pallet	22	4
Packag	ging unit	20 l Tin bucket	120 l Plastic drum
Contai	ner code	20	68
Art. no			
3906	clear	•	
3907	special colours	•	•





System products	Art. no.
Induline SW-900*	(3776)
Induline SW-900 IT*	(3781)
Induline GW-360	(3201)
Induline GW-310	(3385)
Induline GW-306*	(3488)
Induline SW-910	(3777)
Aqua EAL-47/sm	(3040)



Aqua EAL-47/sm

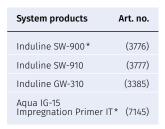
Translucent, water-based all-in-one coating system for coating and renovating high-grade exterior timber constructions, for brush, roller and spray application

Range of use:	 Exterior wood Softwood Building elements with no or limited dimensional stability Primer and topcoat
Property profile:	 High durability thanks to special combination of binders Early block resistance Good flow properties Water vapour permeable Weatherproof and moisture-regulating Film preservative protects against microbial damage Specially designed finish for compatibility with Induline LW-760 (3906)
Application / Tips on use:	 Brush, roller, spraying Stir well, including during application or after a break in work Always read the label and product information before use
Application rate:	60 – 80 ml/m² brush and roller application 120 – 150 ml/m² spray application
Overcoating:	After approx. 4 hours (practice values at 20 °C and 65% RH)





Quanti	ty per pallet	672	200	96	22	4	1
Packag	ging unit	0.75 l Tin bucket	2.5 l Tin bucket	5 l Tin bucket	20 l Tin bucket	120 l Plastic drum	1000 l Plastic container
Contai	ner code	01	03	05	20	68	61
Art. no							
3040	clear			•	•		
3041	special colours	•	•	•	•	•	•





Induline GW-310 (WF)

Translucent, water-based coating with blue stain protection, for dipping and flow coating and for industrial series production

Range of use:	 Exterior wood Interior and exterior wood (Induline GW-310 WF) Wood without ground contact as per DIN EN 335-1, use class 2 and 3 Dimensionally stable wood building elements (as primer only): 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, cladding Primer, intermediate and finishing coats
Property profile:	 Excellent flow characteristics on untreated wood Outstanding (wet) adhesion Protects wood against moisture, preventive protection against fungi that cause blue stain Reduces the risk of rot when used in conjunction with suitable design measures Higher solids content for protection against nesting wasps Film preservative protects against mould and algae Free from film preservation and wood protection biocides (Induline GW-310 WF) Water-based: no unpleasant odours, tools can be cleaned with water Quick drying: 2 coats can be applied in one day Long-term protection with uniform weathering – does not flake Breathable
Application / Tips on use:	 Brush, roller, spraying Brush, dipping tank, flow coating facility, VACUMAT®, coating machine Stir well, including during application or after a break in work Apply the second coat after 2–3 hours Use biocides safely Always read the label and product information before use
Application rate:	Preventive action against blue stain at 197 – 216 ml/m² (min. 2 coats) Induline GW-310 WF: approx. 80 – 120 ml/m² per coat (min. 2 coats)
Overcoating:	After approx. 2 hours (practice values at 20°C and 65% RH)

Quantity per pallet	200	96	22	4	1
Packaging unit	2× 2.5 l Tin bucket	5 l Tin bucket	20 l Tin bucket	120 l Plastic drum	1000 l Plastic container
Container code	03	05	20	68	61
Art. no. Induline GW-310					
3384 clear		•			
3385 special colours		•		•	•
Art. no. Induline GW-310 WF					
3383 special colours		•	•	•	•



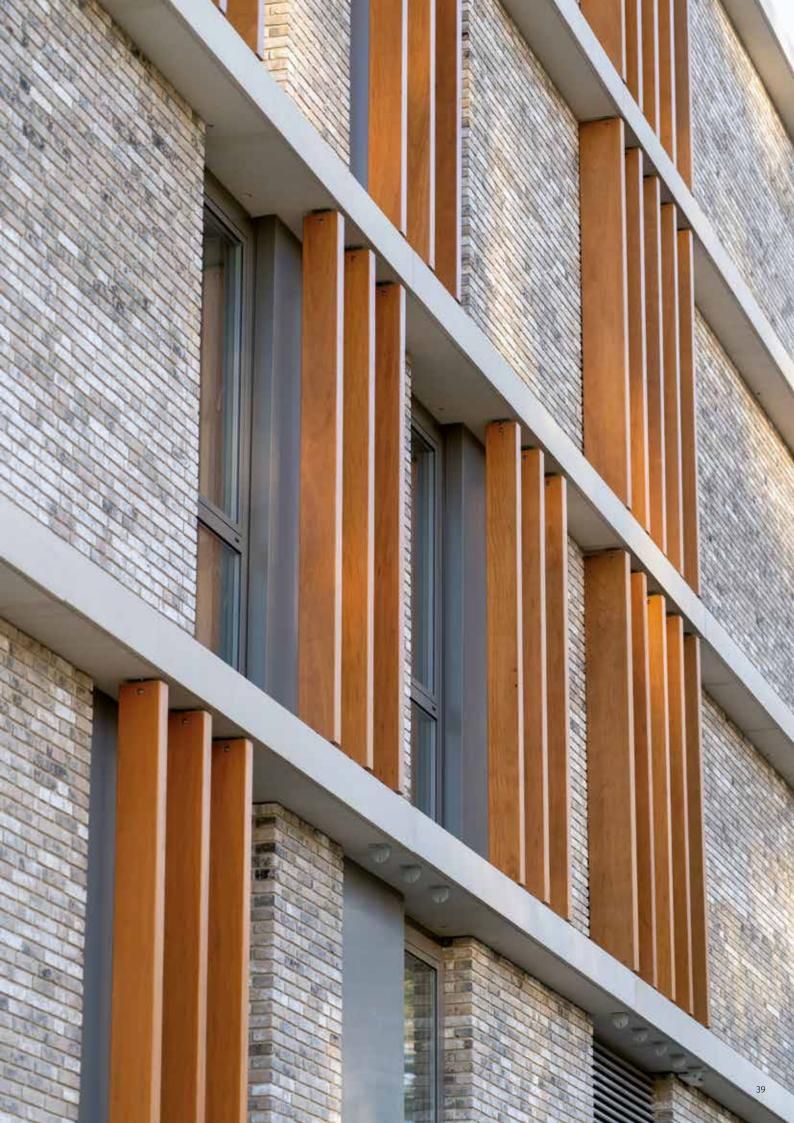


System products	Art. no.
Induline SW-900*	(3776)
Induline LW-710	(3987)
Induline LW-760	(3906)
Induline DW-610	(2482)
Induline DW-660	(3904)











Water-based surface protection for decking boards

Range of use:	 Exterior wood Building elements with no or limited dimensional stability Wooden decking and garden furniture Not suitable for massaranduba or ipé: We recommend Maintenance Oil for these substrates Please get in touch with Remmers Technical Service before using on other, exotic species of wood not named here
Property profile:	 Long life thanks to special UV absorbers and lignin stabilisers Weatherproof and moisture-regulating Film preservative protects against microbial damage Quick-drying Does not flake Very good adhesion to the substrate
Application / Tips on use:	 Brush, roller, spraying VACUMAT®, spraying equipment, board coating machine Stir well, including during application or after a break in work Once dry, apply a 2nd coat Always read the label and product information before use
Application rate:	60 – 80 ml/m² per coat depending on the absorbency of the wood Max. 2 coats, apply thinly. Remove or smooth out any excess material (especially in tongues and grooves) immediately.
Overcoating:	Dust-dry: after approx. 2 hours (practice values at 20 °C and 65 % RH) Next coat: after approx. 4 hours Load-bearing: after approx. 24 hours

Quantit	y per pallet	96	22
Packagi	ing unit	5 l Tin bucket	20 l Tin bucket
Contain	er code	05	20
Art. no.			
3451	clear	•	•
3452	special colours		•





System products	Art. no.
Induline SW-900*	(3776)
Induline SW-900 IT*	(3781)



Induline LW-730 (WF)

Water-emulsified low-build stain

Range of use:	 Exterior wood Interior and exterior wood (Induline LW-730 WF) Softwood and hardwood Building elements with no or limited dimensional stability For decorative design and for protecting laminated timber, laminated beams (Duobalken®/Triobalken®), cross-laminated timber (CLT), laminated veneer lumber (LVL) and solid construction timber against dirt during transport and construction
Property profile:	 Ready to use Film preservative protects against microbial damage Free from film preservation and wood protection biocides (Induline LW-730 WF) Quick-drying Easy to apply Block resistance Can be stacked wet-on-wet Contains UV blockers to delay yellowing of the wood substrate
Application / Tips on use:	 Brush, roller, spraying Acrylic brush, flat brush, short-pile roller, airless/airmix spraying equipment, board coating machine, sponge, carpet board, mop Stir well, including during application or after a break in work Once dry, apply further coatings Always read the label and product information before use
Application rate:	Approx. 80 – 120 ml/m² per coat
Overcoating:	After approx. 2 hours (practice values at 20°C and 65% RH)

Quanti	ity per pallet	22	1	1
Packag	ging unit	20 l Tin bucket	600 l Plastic container	1000 l Plastic container
Contai	ner code	20	63	61
Art. no	. Induline LW-730			
7822	clear	•		•
7823	special colours	•	•	
Art. no	. Induline LW-730 WF			
7820	clear	•	•	
7821	special colours	•		





System products	Art. no.
Induline SW-900*	(3776)
Induline SW-900 IT*	(3781)
Induline SW-910	(3777)
Aqua MSL-45/sm	(7130)
Aqua EAL-47/sm	(3040)





Induline LW-731 (WF)

Water-emulsified, film-forming stain

Range of use:	 Exterior wood Interior and exterior wood (Induline LW-731 WF) Softwood and hardwood Building elements with no or limited dimensional stability For decorative design and for protecting laminated timber, laminated beams (Duobalken®/Triobalken®), cross-laminated timber (CLT), laminated veneer lumber (LVL) and solid construction timber against dirt during transport and construction
Property profile:	 Ready to use Film preservative protects against microbial damage Free from film preservation and wood protection biocides (Induline LW-731 WF) Quick-drying Easy to apply Block resistance Mild odour Contains UV blockers to delay yellowing of the wood substrate
Application / Tips on use:	 Brush, roller, spraying Acrylic brush, flat brush, short-pile roller, airless/airmix spraying equipment, board coating machine, sponge, carpet board, mop Stir well, including during application or after a break in work Once dry, apply further coatings Always read the label and product information before use
Application rate:	Approx. 80 – 120 ml/m² per coat
Overcoating:	After approx. 2 hours (practice values at 20 °C and 65 % RH)

Quanti	ty per pallet	22	1	1
Packaging unit		20 l	600 l	1000 l
		Tin bucket	Plastic	Plastic
			container	container
Contai	ner code	20	63	61
Art. no	. Induline LW-731			
7826	clear			
7828	special colours			•
Art. no	. Induline LW-731 WF			
7824	clear	•	•	•
7825	special colours	•		•





System products	Art. no.
Induline SW-900*	(3776)
Induline SW-900 IT*	(3781)
Induline SW-910	(3777)
Aqua MSL-45/sm	(7130)
Aqua EAL-47/sm	(3040)





Induline LW-732 (WF)

Water-emulsified medium-build stain

Range of use:	 Exterior wood Interior and exterior wood (Induline LW-732 WF) Softwood and hardwood Building elements with no or limited dimensional stability For decorative design and for protecting laminated timber, laminated beams (Duobalken®/Triobalken®), cross-laminated timber (CLT), laminated veneer lumber (LVL) and solid construction timber against dirt during transport and construction
Property profile:	 Ready to use Film preservative protects against microbial damage Free from film preservation and wood protection biocides (Induline LW-732 WF) Quick-drying Easy to apply Block resistance Contains UV blockers to delay yellowing of the wood substrate
Application / Tips on use:	 Brush, roller, spraying Acrylic brush, flat brush, short-pile roller, airless/airmix spraying equipment, sponge, carpet board, mop Stir well, including during application or after a break in work Once dry, apply further coatings Always read the label and product information before use
Application rate:	Approx. 80 – 120 ml/m² per coat
Overcoating:	After approx. 2 hours (practice values at 20°C and 65% RH)

Quantity per pallet		22	1	1
Packag	ing unit	20 l Tin bucket	600 l Plastic container	1000 l Plastic container
Contair	ner code	20	63	61
Art. no.	Induline LW-732			
7832	clear	•		-
7833	special colours	•		•
Art. no.	Art. no. Induline LW-732 WF			
7830	clear	•	•	•
7831	special colours	•	•	•





System products	Art. no.
Induline SW-900*	(3776)
Induline SW-900 IT*	(3781)
Induline SW-910	(3777)
Aqua MSL-45/sm	(7130)
Aqua EAL-47/sm	(3040)





Coating systems for laminated beams

Comparison of system products

Product	Description	Exterior wood	Interior wood	UV absorbers	Film preservative	
Induline LW-730	Low-build, temporary protection for laminated beams, with protection against mould and algae	*		✓	*	
Induline LW-730 WF	Low-build, temporary protection for laminated beams	✓	*	✓		
Induline LW-731	Film-forming protection for laminated bear with protection against mould and algae	ms	✓		* *	
Induline LW-731 WF	Film-forming protection for laminated bear	ns	✓	✓	✓	
Induline LW-732	Medium-build protection for laminated bea with protection against mould and algae	ams	*		* *	
Induline LW-732 WF	Medium-build protection for laminated bea	ams	✓	✓	✓	

Remmers system solutions

Area of application System configuration		Application quantity [ml/m²]	Protection during transport and construction
Coating laminated beams to protect against dirt during transport and construction (variant 1)	1× Induline SW-900* or Induline SW-900 IT* (optional) 1× Induline SW-910 (end-grain wood) 1× Induline LW-730 or Induline LW-730 WF	(80 – 90) approx. 100 80 – 120	up to 6 weeks**
Coating laminated beams to protect against dirt during transport and construction (variant 2)	1× Induline SW-900 * or Induline SW-900 IT* (optional) 1× Induline SW-910 (end-grain wood) 1× Induline LW-731 or Induline LW-731 WF	(80 – 90) approx. 100 80 – 120	up to 10 weeks**
toating laminated beams or protect against dirt during ransport and construction variant 3) 1× Induline SW-900* or Induline SW-900 IT* (optional) 1× Induline SW-910 (end-grain wood) 1× Induline LW-732 or Induline LW-732 WF		(80 – 90) approx. 100 80 – 120	up to 16 weeks**

^{*} Use biocides safely. Always read the label and product information before use.
** The duration of the protective effect depends on the intensity of the environmental influences.

HSL-30/m

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

Range of use:	 Exterior wood Wood without ground contact as per DIN EN 335-1, use class 2 and 3 Wood building elements with no dimensional stability: e.g. fences, framework, carports, cladding Wood building elements with limited dimensional stability: e.g. folding shutters, matchboarding, summerhouses Dimensionally stable wood components (primer only): e.g. windows/doors Primer, intermediate and finishing coats
Property profile:	 Breathable 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 and does not flake Brilliant colours Subsequent treatment without sanding All colours are mixable with one another
Application / Tips on use:	 Brushing, dipping, flow-coating and spraying in closed systems only Stir well and apply in the direction of the grain Always read the label and product information before use
Application rate:	Preventive action against blue stain and rot at 205 – 250 ml/m² in at least 2 coats
Overcoating:	After approx. 12 hours (practice values at 20°C and 65% RH)

Quanti	ity per pallet	672	200	96	30	22
Packaş	ging unit	6× 0.75 l Tin bucket	2× 2.5 l Tin bucket	2×5l Tin bucket	10 l Tin bucket	20 l Tin bucket
Contai	ner code	01	03	05	10	20
Art. no).					
7100	clear	•	•	•	•	•
7101	light oak (RC-365)		•	•	•	•
7102	pine (RC-270)		•	•	•	•
7103	pine/larch (RC-260)		•	•	•	•
7104	rustic oak (RC-360)		•	•	•	•
7105	teak (RC-545)			•	•	•
7106	mahogany (RC-565)		•	•	•	•
7107	nutwood (RC-660)		•	•	•	•
7108	palisander (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	3)	•	•	•	•
7114	special colour			•	•	•





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







Aqua HSL-35/m

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

Range of use:	 Exterior wood Wood without ground contact as per DIN EN 335-1, use class 2 and 3 Wood building elements with no dimensional stability: e.g. fences, framework, carports, cladding Wood building elements with limited dimensional stability: e.g. folding shutters, matchboarding, summerhouses Dimensionally stable wood components (primer only): e.g. windows/doors Primer, intermediate and finishing coats Not suitable for coating floors (terraces, wooden decking, etc.)
Property profile:	 Breathable low-build stain 3 in 1: impregnation, priming and stain Preventive protection against: Moisture, UV rays, rot, blue stain, mould, algae and nesting wasps Water-based: no unpleasant odours, 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 and does not flake All colours are mixable with one another
Application / Tips on use:	 Brush application Stir well and apply in the direction of the grain Always read the label and product information before use
Application rate:	Preventive action against blue stain at 197 – 216 ml/m² in at least 2 coats
Overcoating:	After approx. 2 – 3 hours (practice values at 20 °C and 65 % RH)

Quant	Quantity per pallet		200	96	30	22	
Packa	ging unit	0.75 l Tin bucket	2.5 l Tin bucket	5 l Tin bucket	10 l Tin bucket	20 l Tin bucket	
Contai	iner 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	nutwood (RC-660)		•	•		•	
7126	palisander (RC-720)					•	
7127	silver grey (RC-970)		•	•	•	•	
7128	white (RC-990)		•			•	
7129	special colour		•	-	-		





System products	Art. no.
Aqua IG-15 Impregnation Primer IT*	(7145)
Aqua MSL-45/sm	(7130)
Aqua OML-48/tm [eco]	(7710)
Aqua DSL-55	(7220)







Aqua MSL-45/sm

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

Range of use:	 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, cladding 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:	 Non-drip Weatherproof and UV-resistant High UV protection even with light colours and clear UV+ Silk matt Dirt-repellent and easy to maintain Block resistant (as per Code of Practice HO.03) Good flow properties Biocide-free Elastic
Application / Tips on use:	 Brush application Stir well and apply in the direction of the grain Always read the label and product information before use
Application rate:	Approx. 100 ml/m² per coat (min. 2 coats) Pigmented: 2 coats Clear UV+: 3 coats
Overcoating:	After approx. 4 hours (practice values at 20 °C and 65% RH)

Quant	ity per pallet	672	200	96	30	22
Packa	ging unit	6× 0.75 l Tin bucket	2× 2.5 l Tin bucket	2×5l Tin bucket	10 l Tin bucket	20 l Tin bucket
Contai	iner code	01	03	05	10	20
Art. no).					
7130	clear UV+	•		•	•	•
7131	light oak (RC-365)		•	•		
7132	Scots pine (RC-270)		•	•		
7133	pine/larch (RC-260)			•		
7134	teak (RC-545)			•		
7136	nutwood (RC-660)			•	•	•
7137	palisander (RC-720)		•	•	•	•
7138	silver grey (RC-970)		•	•	•	•
7139	white (RC-990)		•	•	•	•
7140	special colour		•	•	•	-





System products	Art. no.
Wood Cream clear*	(2714)
Aqua IG-15 Impregnation Primer IT*	(7145)
Aqua RG-27	(7146)
Aqua HSL-35/m*	(7120)
Induline IW-120	(1520)
Induline IL-170	(2029)
Induline SW-910	(3777)





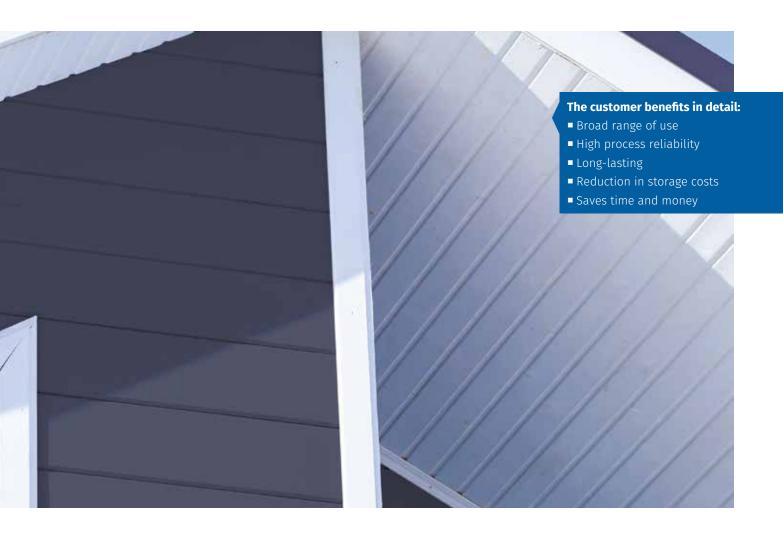




Opaque coatings

Efficient and extremely versatile (all-in-one) coating systems

The water-based 3 in 1 coating systems for building elements with limited or no dimensional stability feature highly efficient coating configurations. These opaque products are a sealing primer, intermediate and finishing coat all rolled into one. This means that, in most cases, just a single product is needed for the entire coating system! The all-in-one coatings have a broad range of applications and guarantee long-lasting, high quality results, all while reducing storage costs and making it possible to save time and money.





Induline GW-310 (WF)

Opaque, water-based coating with blue stain protection, for dipping and flow coating and for industrial series production



Induline ZW-425

Opaque, water-based sealing primer and intermediate coating for spray application



Induline DW-610

Water-based, insulating low-build varnish for primer, intermediate and finishing coats, for brush and spray application



Induline DW-692

Opaque, water-based intermediate and finishing coat for spray application



Induline DW-660

Water-based, opaque all-inone coating system with film preservative for VACUMAT® processing



Aqua EAD-67/sm

Opaque, water-based all-in-one coating system for coating and renovating high-grade exterior timber constructions, for brush, roller and spray application



Opaque system solutions

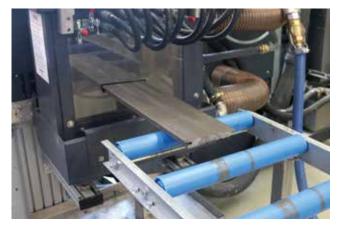
For wood building elements with limited or no dimensional stability

Range of use	System configuration	Application rate [ml/m²]	Brushing quality for maintenance and renovation coatings
Efficient industrial coating of matchboarding and rhomboid boards made of softwood	1× Induline SW-900* (optional) 2× Induline DW-660	(80 – 90) 100 – 120	Aqua EAD-67/sm
Industrial coating of matchboarding and rhomboid boards made of acetylated wood	1× Induline GW-310*, opaque 2× Induline DW-660	80 - 120 100 - 120	Aqua EAD-67/sm
Deep black 3 in 1 coating with blue stain protection for matchboarding and rhomboid boards made of softwood	2× Induline GW-310*, deep black	80 – 120	Induline GW-310*, deep black
Exterior building elements made of Medite® Tricoya® MDF	1× Induline GW-310*, opaque 2× Induline DW-660 or Induline DW-610	80 - 120 100 - 120	Induline DW-610 or Aqua EAD-67/sm
Balconies and fences	1× Induline SW-900 IT* 1× Induline SW-910 (end-grain wood) 2 – 3× Induline DW-610	100 approx. 100 50 – 150	Induline DW-610
Folding shutters and fences	1× Induline GW-310*, translucent/white 1× Induline SW-910 (end-grain wood, optional) 2× Induline DW-610 or Aqua EAD-67/sm		Induline DW-610 or Aqua EAD-67/sm
Equestrian obstacles	3× Induline DW-610	50 – 150	Induline DW-610
Outdoor seating furniture	1× Induline GW-310*, translucent/white 1× Induline SW-910 (end-grain wood, optional) 2× Induline DW-610		Induline DW-610









Induline GW-310 (WF)

Opaque, water-based coating with blue stain protection, for dipping and flow coating and for industrial series production

Range of use:	 Exterior wood Interior and exterior wood (Induline GW-310 WF) Wood without ground contact as per DIN EN 335-1, use class 2 and 3 Dimensionally stable wood building elements (as primer only): 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, cladding Primer, intermediate and finishing coats
Property profile:	 Outstanding (wet) adhesion Protects wood against moisture, preventive protection against fungi that cause blue stain – film preservative protects against mould and algae Reduces the risk of rot when used in conjunction with suitable design measures Free from film preservation and wood protection biocides (Induline GW-310 WF) Water-based and breathable Quick drying: 2 coats can be applied in one day Long-term protection with uniform weathering – does not flake
Application / Tips on use:	 Brush, roller, spraying Brush, dipping tank, flow coating facility, VACUMAT®, coating machine Stir well, including during application or after a break in work Apply the second coat after 2–3 hours Use biocides safely Always read the label and product information before use
Application rate:	Preventive action against blue stain at 197 – 216 ml/m² (min. 2 coats) Induline GW-310 WF: approx. 80 – 120 ml/m² per coat (min. 2 coats)
Overcoating:	After approx. 2 hours (practice values at 20 °C and 65 % RH)

Quantit	y per pallet	96	22	4	1
Packag	ing unit	5 l Tin bucket	20 l Tin bucket	120 l Plastic drum	1000 l Plastic container
ontair	er code	05	20	68	61
rt. no.	Induline GW-310				
97	white (RAL 9016)		•		
343	deep black	•	•		•
98	special colours	•	•	•	
045	Base A (pre-filling: 98%)		•		
047	Base C (pre-filling: 92%)		•		
t. no.	Induline GW-310 WF				
44	deep black	•			•
83	special colours	•	•	-	•





System products	Art. no.
Induline DW-610	(2482)
Induline DW-660	(3904)







Water-based, insulating low-build varnish for primer, intermediate and finishing coats, for brush and spray application

Range of use:	 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, cladding Primer, intermediate and finishing coats Especially suited to spruce, fir, douglas fir, oak, pine and larch Please get in touch with Remmers Technical Service before using on other, exotic species of wood not named here
Property profile:	 Easy to apply Good flow properties Elegant gloss finish without losing the wood texture (after 3 coats) Water vapour permeable Film preservative protects against microbial damage Good resistance to yellowing and chalking High durability thanks to special combination of binders Does not flake Subsequent treatment without sanding
Application / Tips on use:	 Brush, spraying Airless/airmix spraying, flow cup gun, acrylic brush Airless spraying: nozzle: 0.28 mm, material pressure: 80 – 120 bar Airmix spraying: nozzle: 0.28 mm, material pressure: 60 – 100 bar atomiser air pressure: 1.2 – 2.0 bar Flow cup gun: nozzle: 1.8 – 2.0 mm, atomiser air pressure: 2 – 2.5 bar Always read the label and product information before use
Application rate:	50 – 150 ml/m² per coat Brush: 50 – 80 ml/m² Spraying: 120 – 150 ml/m²
Overcoating:	After approx. 4 hours Dust-dry: after approx. 1 hours (practice values at 23 °C and 50 % RH)

Quanti	ty per pallet	200	96	22
Packag	ing unit	2.5 l Tin bucket	5 l Tin bucket	20 l Tin bucket
Contair	ner code	03	05	20
Art. no.				
2481	anthracite grey (RAL 70	16)	•	•
2482	white (RAL 9016)		•	•
3456	special colours	•	•	•
015039	Base A (pre-filling: 98%)	•	•	•
015040	Base B (pre-filling: 95%)	•	•	
015041	Base C (pre-filling: 92%)	•	•	•





System products	Art. no.
Induline SW-900*	(3776)
Induline SW-900 IT*	(3781)
Induline SW-910	(3777)
Induline GW-310*	(3385)





Water-based, opaque all-in-one coating system with film preservative for VACUMAT® processing

Range of use:	 Exterior wood Softwood, preferably spruce/fir Building elements with no or limited dimensional stability Industrial series production (VACUMAT®) Primer, intermediate and finishing coats
Property profile:	 3 in 1: primer, intermediate and finishing coats Good flow properties Quick-drying Early block resistance Water vapour permeable Weatherproof and moisture-regulating Film preservative protects against microbial damage
Application / Tips on use:	 VACUMAT®, spraying and pouring equipment Stir the material thoroughly, including while working or after breaks in work Once dry, apply a 2nd coat Always read the label and product information before use
Application rate:	100 – 120 g/m² per coat (min. 2 coats)
Overcoating:	After approx. 4 hours (practice values at 20 °C and 65 % RH) Overcoating after forced drying: approx. 20 minutes depending on the system / the workpiece must be cooled to < 25 °C prior to packing

Quanti	ty per pallet	22	4	1	1
Packag	ing unit	20 l Tin bucket	120 l Plastic drum	600 l Plastic container	1000 l Plastic container
Container code		20	68	63	61
Art. no.	Art. no.				
3904	white (RAL 9016)	•	•		•
3905	special colours	•	•		





System products	Art. no.
Induline SW-900*	(3776)
Induline SW-900 IT*	(3781)
Induline SW-910	(3777)
Aqua EAD-67/sm	(3042)



Aqua EAD-67/sm

Opaque, water-based all-in-one coating system for coating and renovating high-grade exterior timber constructions, for brush, roller and spray application

Range of use:	 Exterior wood Softwood Building elements with no or limited dimensional stability Primer and topcoat
Property profile:	 3 in 1: Sealing primer, intermediate and finishing coat High durability thanks to special combination of binders Good flow properties Early block resistance Water vapour permeable Weatherproof and moisture-regulating Film preservative protects against microbial damage Specially designed finish for compatibility with Induline DW-660 (3904)
Application / Tips on use:	 Brush, roller, spraying Stir well, including during application or after a break in work Always read the label and product information before use
Application rate:	60 – 80 ml/m² brush and roller application 120 – 150 ml/m² spray application
Overcoating:	After approx. 4 hours (practice values at 20 °C and 65% RH)

Quanti	ty per pallet	672	200	96	22	4	1
Packag	ging unit	0.75 l Tin bucket	2.5 l Tin bucket	5 l Tin bucket	20 l Tin bucket	120 l Plastic drum	1000 l Plastic container
Container code		01	03	05	20	68	61
Art. no							
3042	white (RAL 9016)				•		
3043	special colours	•			•	•	•
3029	anthracite grey (RAL 7016)	•	•	•		





System products	Art. no.
Induline SW-900*	(3776)
Induline SW-910	(3777)
Induline GW-310	(3385)
Aqua IG-15 Impregnation Primer IT*	(7145)
Aqua AG-26	(7147)



Opaque, water-based sealing primer and intermediate coating for spray application

Range of use:	 Interior and exterior wood Softwood and hardwood Dimensionally stable wood building elements: e.g. windows and doors Coating (wall) elements made of cross-laminated timber (CLT) and laminated veneer lumber (LVL) Primer and intermediate coat Do not use on merbau or framire
Property profile:	 Good flow properties Good build on the surface Good pore wetting performance Protects against discolouration from water-soluble substances in wood Excellent protection against surface defects caused by substances in specific wood types (e.g. larch) Very good adhesion to the substrate Flexible tinting helps to provide the ideal colour match with finishing coats
Application / Tips on use:	 Manual spray gun, automatic spraying equipment Airless spraying: nozzle: 0.28 - 0.33 mm, material pressure: 70 - 90 bar Airmix spraying: nozzle: 0.28 - 0.33 mm, material pressure: 70 - 90 bar atomiser air pressure: 1 - 2 bar Sand the surface lightly after priming Intermediate sanding before final coat: P 220 - 240, remove sanding dust Always read the label and product information before use
Application rate:	150 – 200 ml/m² per coat
Overcoating:	After approx. 4 hours Dust-dry: after approx. 30 minutes (practice values at 23 °C and 50 % RH)

Quanti	ty per pallet	96	22	4
Packag	ing unit	5 l Tin bucket	20 l Tin bucket	120 l Plastic drum
Container code		05	20	68
Art. no.				
7918	white	•		•
7919	special colours			_





System products	Art. no.
Induline SW-900*	(3776)
Induline GW-209	(2498)
Induline GW-360	(3201)
Induline DW-601 Aqua Stopp	(1725)
Induline DW-625	(1764)
Induline GW-306*	(3488)
Induline DW-691	(3070)
Induline DW-692	(3056)





Opaque, water-based intermediate and finishing coat for spraying

Range of use:	 Interior and exterior wood Softwood and hardwood Dimensionally stable wood building elements: e.g. windows and doors Protected constructions: e.g. wood-aluminium windows Coating (wall) elements made of cross-laminated timber (CLT) and laminated veneer lumber (LVL) Intermediate and finishing coats Single coat and multi-coat procedure Spraying: airless/airmix method with and without electrostatic assistance 		
Property profile:	 Excellent flow properties Supports sealing when used with suitable primer and intermediate coatings Increased block resistance Good resistance to yellowing and chalking High durability thanks to special combination of binders Dirt-resistant Pleasant feel 		
Application / Tips on use:	 Manual spray gun, automatic spraying equipment Airless spraying: nozzle: 0.28 - 0.33 mm, material pressure: 70 - 90 bar Airmix spraying: nozzle: 0.28 - 0.33 mm, material pressure: 70 - 90 bar atomiser air pressure: 1 - 2 bar Always read the label and product information before use. 		
Application rate:	150 – 300 ml/m² (plus spraying loss)		
Overcoating:	After approx. 4 hours Dust-dry: after approx. 1 hours (practice values at 23°C and 50 % RH)		

Quantit	ty per pallet	22	4		
Packag	Packaging unit		120 l Plastic drum		
Contair	ner code	20	68		
Art. no.	Induline DW-692/20 ma	itt			
3057	white (RAL 9016)**		•		
3385	special colours	•			
015125	Base B (pre-filling: 95%)	•			
015174	Base C (pre-filling: 95%)	•			
Art. no.	Art. no. Induline DW-692/35 silk matt				
3056	white (RAL 9016)**	•	•		
3059	special colours	•			
015128	Base B (pre-filling: 95%)	•			
015175	Base C (pre-filling: 95%)	•			





System products	Art. no.
Induline SW-900*	(3776)
Induline GW-201	(2491)
Induline GW-209	(2498)
Induline GW-306*	(3488)
Induline ZW-400	(3900)
Induline ZW-425	(7918)
Induline ZW-504i	(3453)
Induline GW-208	(3478)



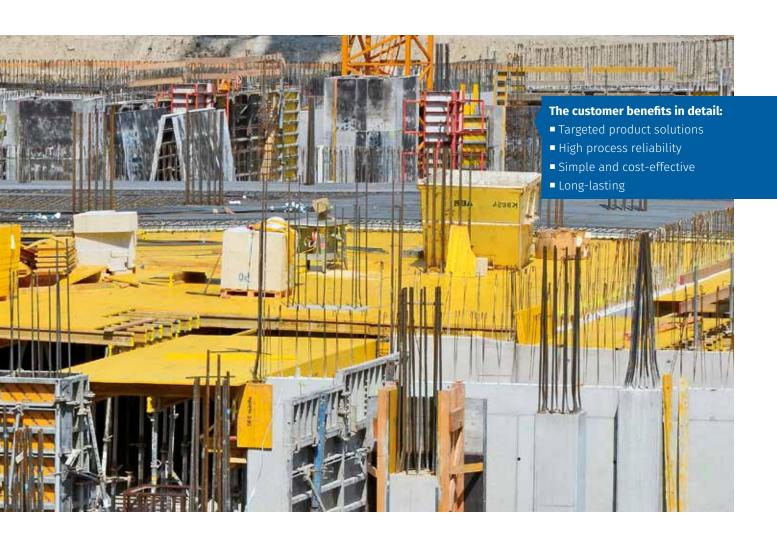
^{*} Use biocides safely. Always read the label and product information before use. ** white (RAL 9016) = Base A - pre-filling: 100 %



Special products

Functional coating systems for special requirements

Special requirements call for special product solutions. In addition to conventional coatings for dimensionally stable wood building elements, and wood with limited or no dimensional stability, Remmers also offers a range of functional coating systems for formwork beams, formwork boards, scaffolding planks, toe boards and other areas of application in the timber industry, such as marking quality grades or coating sawn faces and narrow edges of solid wood and wood-based materials.





Induline SW-910Water-based end-grain wood protection and edge coating



Formwork Protection 1K-PURProtective coating for concrete formwork made of wood



Induline SW-960Water-based concentrate for coating formwork



Induline SW-961Water-based concentrate with film protection for coating formwork



Induline SW-962 Water-based, pigmented concentrate for scaffolding planks and toe boards



Induline SW-965Water-based, opaque edge coating for wood-based materials



Induline SW-966Water-based, opaque edge coating and marking paint

Water-based end-grain wood protection and edge coating

Range of use:	 Interior and exterior wood Softwood and hardwood Dimensionally stable wood building elements: e.g. windows and doors Wood building elements with limited dimensional stability: e.g. folding shutters, matchboarding, summerhouses Wood building elements with no dimensional stability: e.g. fences, framework, carports, cladding Moisture protection for cut surfaces and end-grain wood Edge protection and sealant for panel materials (e.g. screen printing plates)** 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 / Tips on use:	 Brush, roller, spray application Acrylic brush, microfibre paint roller, airless/airmix spraying equipment Airless spraying: nozzle: 0.28 – 0.33 mm, material pressure: 70 – 90 bar Airmix spraying: nozzle: 0.28 – 0.33 mm, material pressure: 70 – 90 bar atomiser air pressure: 1 – 2 bar Intermediate and finishing coats of suitable products can be applied after drying Always read the label and product information before use
Application rate:	Approx. 100 ml/m² depending on the absorbency of the wood
Overcoating:	After approx. 2 hours (practice values at 20°C and 65% RH)

Overcoating:		After approx.	After approx. 2 hours (practice values at 20°C and 65% RH)			
Quantity per pallet		300	200	22	1	
Packaging unit		0.5 l Plastic box	2.5 l Tin bucket	20 l Tin bucket	1000 l Plastic container	
Container code		84	03	20	61	
Art. no.						
3777	clear	•	•	•	•	
3780	yellow *					
3775	special colours		•	•	•	







Formwork Protection 1K-PUR

Protective coating for concrete formwork made of wood

Range of use:	Interior and exterior woodCoating formwork beams and panels
Property profile:	 Single component Alkali-resistant Oil-resistant Abrasion-resistant Resistant to chemicals Resistant to mechanical stresses UV-resistant Repels water
Application / Tips on use:	 Roller, spray, pouring Ready for roller application. For application by spraying or pouring, the product can be adjusted to the required parameters by adding V 101 Thinner.
Application rate:	100 – 120 g/m² per layer
Overcoating:	 Dust-dry: after 4 – 6 hours Stackable: after 24 hours Mechanical loading: after 3 days Full curing: after 7 days (practice values at 20°C and 65% RH)





System products	Art. no.
V 101 Thinner	(0978)

Quantity per pallet		45
Packaging unit		10 kg Tin bucket
Container code		10
Art. no	.	
1120	yellow	•
1129	special colours*	•

Water-based concentrate for coating formwork

Range of use:	 Interior and exterior wood Coating formwork beams made of wood and wood-based materials Edge coating for wood materials (e.g. formwork boards)
Property profile:	 Concentrate Can be stacked wet-on-wet Alkali-resistant Repels water
Application / Tips on use:	 Industrial series production VACUMAT®, board coating machine Mixing ratio max. 1:12 Stir well, including during application or after a break in work If foam forms in the VACUMAT® equipment, add 0.05 - 0.30% Defoamer VP 20509 (Art. 0376) Always read the label and product information before use
Application rate:	50 – 80 ml/m² depending on the absorbency of the substrate
Overcoating:	After approx. 1 hour (practice values at 20 °C and 65 % RH)





Quant	ity per pallet	1	1
Packa	ging unit	500 kg Plastic container	1000 kg Plastic container
Container code 63		63	61
Art. no.			
3294	yellow	•	•
3284	special colours	•	•

System products	Art. no.
Induline SW-910	(3777)

Water-based concentrate with film protection for coating formwork

Range of use:	 Exterior wood Coating formwork beams made of wood and wood-based materials Edge coating for wood materials (e.g. formwork boards)
Property profile:	 Concentrate Film preservative protects against microbial damage High colour intensity Can be stacked wet-on-wet Alkali-resistant Repels water
Application / Tips on use:	 VACUMAT®, board coating machine Mixing ratio max. 1:12 Stir well, including during application or after a break in work Always read the label and product information before use
Application rate:	50 – 80 ml/m² depending on the absorbency of the substrate
Overcoating:	After approx. 1 hour (practice values at 20 ° C and 65 % RH)





Quantity per pallet	1	1
Packaging unit	600 kg Plastic container	1000 kg Plastic container
Container code	63	61
Art. no.		
3287 premium vellow		

System products	Art. no.
Induline SW-910	(3777)



Water-based, pigmented concentrate for scaffolding planks and toe boards

Range of use:	 Interior and exterior wood Coating scaffolding planks Coating battens and toe boards
Property profile:	 Concentrate Can be stacked wet-on-wet Excellent weather resistance Resistant to chalking
Application / Tips on use:	 Industrial series production VACUMAT®, board coating machine Mixing ratio max. 1:5 Stir well, including during application or after a break in work Close opened containers tightly and use up as soon as possible
Application rate:	80 – 120 ml/m² depending on the absorbency of the substrate (ready-to-use solution)
Overcoating:	After approx. 1 hour (practice values at 20°C and 65% RH)





Quantity per pallet	22
Packaging unit	20 l Tin bucket
Container code	20
Art. no.	
3297 wine red	•
3298 colza yellow	•

Minimum order quantity 340 litres

Water-based, opaque edge coating for wood-based materials

Range of use:	Interior and exterior woodEdge coating for wood materials (e.g. formwork boards)
Property profile:	 Concentrate Very fast drying Excellent weather resistance Resistant to chalking
Application / Tips on use:	 Industrial series production VACUMAT® Paintbrush and roller Mixing ratio max. 1:5 Stir well, including during application or after a break in work Always read the label and product information before use
Application rate:	Approx. 50 g/m² per coat
Overcoating:	After approx. 30 minutes (practice values at 20 °C and 65 % RH)





Quantity per pallet	22	1
Packaging unit	20 l Tin bucket	1000 l Plastic container
Container code	20	61
Art. no.		
3995 Special colours*	•	•

Water-based, opaque edge coating and marking paint

Range of use:	 Interior and exterior wood Edge coating for formwork beams/panels Colour coding sawn wood and roof battens (quality grades)
Property profile:	 Fast drying Alkali-resistant Repels water Excellent weather resistance
Application / Tips on use:	 Brush, roller, spray application Airless spraying: nozzle: 0.38 mm, material pressure: 80 - 100 bar nozzle: 0.28 mm, material pressure: 80 - 100 bar, air pressure: 1.2 - 2.0 bar Flow cup gun: nozzle 2.5 mm, atomiser air pressure: 1.8 - 2.0 bar Stir well, including during application or after a break in work Always read the label and product information before use
Application rate:	80 – 120 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	22	1	1
Packaging unit	20 l Tin bucket	500 l Plastic container	1000 l Plastic container
Container code	20	61	63
Art. no.			
3282 special colours	•	•	•



UV coating systems

Industrial UV coating for wood building elements with limited or no dimensional stability

Over its decades in the industry, Remmers has become one of the leading suppliers of UV coating systems to the wood processing industry. Our UV coatings can be found in a wide range of scenarios thanks to their outstanding versatility. When exposed to ultraviolet light, they cure in fractions of a second. They can also be formulated with a solids content of up to 100% for ultra-low VOC emissions.





UV17-17Radiation-curing edge coating for edge vacuum processing



UV120-105Radiation-curing finish for concrete formwork, for roller application



UV120-72Radiation-curing special primer for roller application



UV100-40ARadiation-curing heavy-duty filler for roller application

UV17-17

Radiation-curing edge coating for edge vacuum processing

Range of use:	Interior and exterior woodEdge coating for wood materials (e.g. formwork boards)
Property profile:	 Radiation-curing, dries in seconds Highly economical application Resistant to abrasion and mechanical stresses Free from raw materials containing formaldehyde
Application / Tips on use:	 Industrial series production Edge vacuum processing Always read the label and product information before use
Application rate:	15 – 30 g/m² per coat; the application rate may vary depending on the condition of the substrate



Quantity per pallet	21
Packaging unit	30 kg Tin bucket
Container code	30
Art. no.	
326267 clear	•
333751 red	•

Note: Additional colours available on request

UV120-105

Radiation-curing finish for concrete formwork, for roller application

Range of use:	Interior and exterior woodCoating formwork beams and panels
Property profile:	 Radiation-curing, dries in seconds Highly economical application Resistant to abrasion and mechanical stresses Alkali-resistant Free from raw materials containing formaldehyde
Application / Tips on use:	Roller applicationAlways read the label and product information before use
Application rate:	8 – 18 g/m² per coat; the application rate may vary depending on the condition of the substrate



Quantity per pallet	30	21
Packaging unit	10 kg Tin bucket	30 kg Tin bucket
Container code	10	30
Art. no.		
329383 clear	•	•

UV120-72

Radiation-curing special primer for roller application

Range of use:	 Interior and exterior wood Roll-on filler for multi-layer boards Special primer for planed goods Not suitable for coating decking boards
Property profile:	 Radiation-curing, dries in seconds Highly economical application Excellent adhesion to the substrate Very good build Free from raw materials containing formaldehyde
Application / Tips on use:	 Roller application A pigmented topcoat is required on exterior wood Always read the label and product information before use
Application rate:	7 – 25 g/m² per coat; the application rate may vary depending on the condition of the substrate



Quantity per pallet	21
Packaging unit	30 kg Tin bucket
Container code	25
Art. no.	
317630 clear	•

UV100-40A

Radiation-curing heavy-duty filler for roller application

Range of use:	Interior and exterior woodHeavy-duty filler for filling cracks, hollows and torn knots
Property profile:	 Radiation-curing, dries in seconds Highly economical application Excellent adhesion to the substrate Very good build Free from raw materials containing formaldehyde
Application / Tips on use:	 Roller application Stainless steel continental filling knife A pigmented topcoat is required on exterior wood Always read the label and product information before use
Application rate:	15 – 40 g/m² per coat; the application rate may vary depending on the condition of the substrate



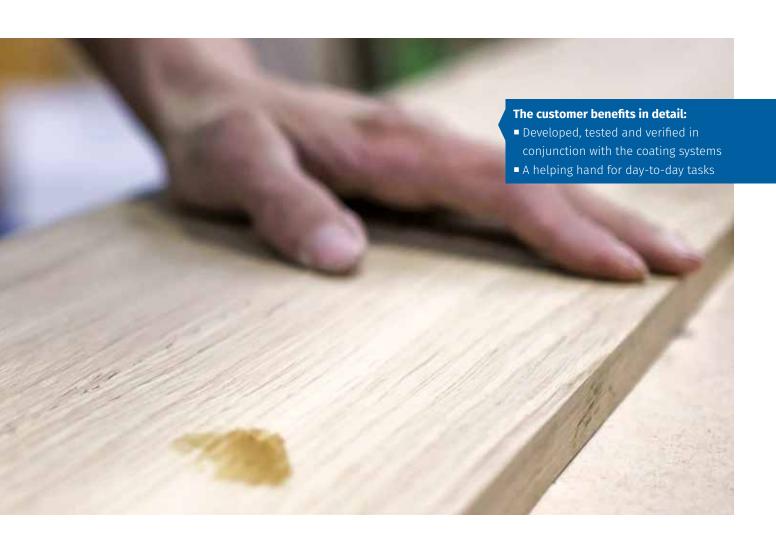
Quantity per pallet	30
Packaging unit	10 kg Tin bucket
Container code	10
Art. no.	
333263 clear	•



Supplementary products

The final piece of the puzzle

Maximum effectiveness and reliability can only be achieved if all the products used in a coating system work together in harmony. For this reason, Remmers offers a range of supplementary products that are fully compatible with its wide array of coating systems and are designed to make life easier for users.





Aqua RK-898 Cleaning Concentrate

Water-dilutable cleaning concentrate for removing coating residues



V-890 Thinner

Thinner and tool cleaner



Induline Fast Filler

Dispersion-based 1K filler, solvent-free



Induline 2K Filler

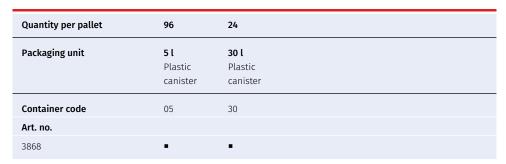
Polyester-based 2K fine filler for levelling out uneven areas

Aqua RK-898 Cleaning Concentrate

Highly effective cleaning product for tools and equipment

Range of use:	 Cleaning spraying equipment, overhead conveyors, transport conveyors in spraying machines etc.
Property profile:	 High-yield concentrate Removes fresh residues of water-based coating systems quickly and easily Does not attack the surfaces of anodised components (e.g. flow cup guns)
Application rate:	 Depending on needs and degree of contamination: 10 % solution in water for normal contamination 20 % solution in water for heavy contamination Undiluted for stubborn contamination







V-890 Thinner

Fast-acting thinner and tool cleaner

Range of use:	Thinner for UV coating systemsCleaning tools and equipment
Property profile:	Free from aromatic compoundsGood cleaning action
Application / Tips on use:	Apply to a trial area first to check the compatibility, adhesion and colour on the substrate



Quantity per pallet	210	50	24
Packaging unit	2 l Tin canister	10 l Tin canister	30 l Tin canister
Container code	02	10	30
Art. no.			
1955	•	-	•



Induline Fast Filler

Dispersion-based single-component filler, solvent-free

960

02

12× 400 g Plastic tube

Range of use:	 Repair work Preparing for coating work on wood, wood-based materials and mineral substrates For filling porous substrates and defective areas
Property profile:	 Dries quickly with low shrinkage Easy to sand Good build Solvent-free and environmentally compatible
Application / Tips on use:	 Rigid plastic or stainless steel continental filling knife For larger voids, apply filler again after approx. 3 hours drying time Maximum layer thickness per application 3 mm
Overcoating:	After approx. 3 hours (practice values at 20 °C and 60 % RH)

е				
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Induline 2K Filler

Quantity per pallet

Packaging unit

Container code

Art. no. 3260 white

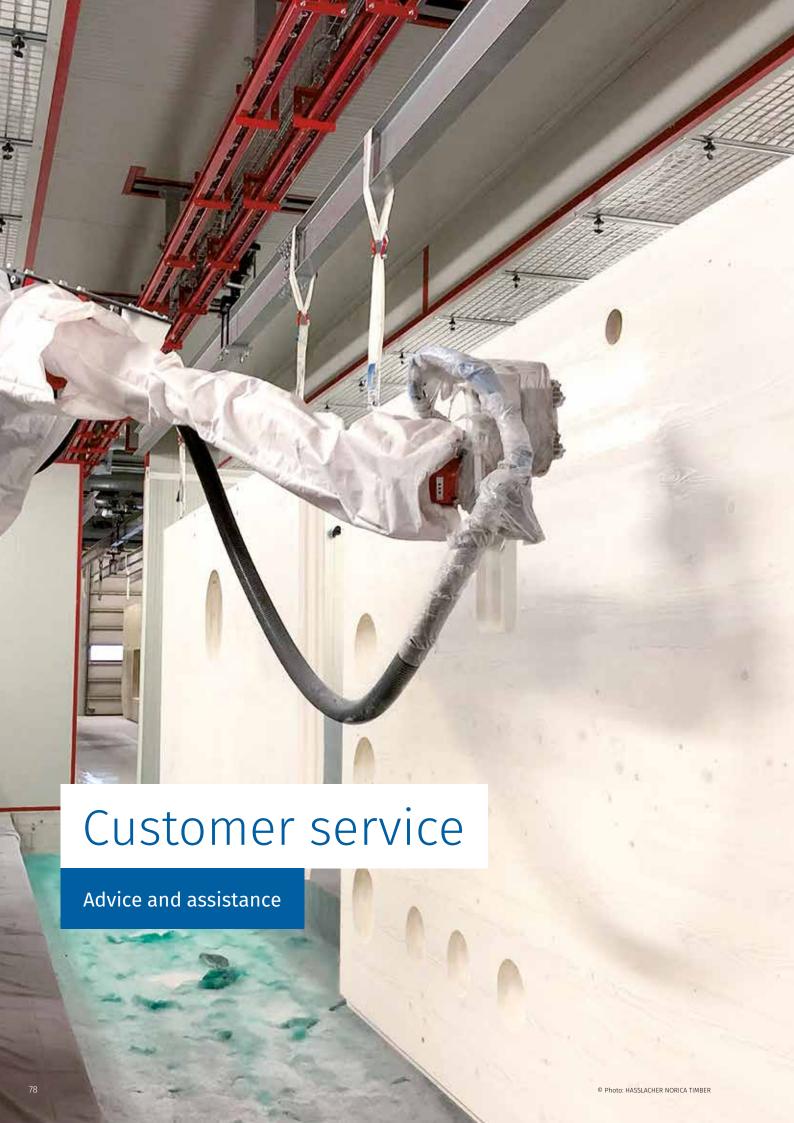
Polyester-based two-component fine filler for levelling out uneven areas

Range of use:	 Interior and exterior wood Glued laminated timber, windows, doors etc. Other substrates: sheet steel, cast iron and aluminium, chipboard
Property profile:	 Reduced styrene content Easy to smooth off Good build Easy to sand Low volume shrinkage
Application / Tips on use:	Thoroughly mix the desired quantity of filler with approx. 2% hardener paste then use within 4-5 minutes
Overcoating:	After approx. 20 – 25 minutes (practice values at 20 °C and 60 % RH)

Quantity per pallet	1104
Packaging unit	6× 500 g Tin can
Container code	01
Art. no.	
3261 spruce	•







General tips on use

Wood condition:

The condition of the wood has a major impact on how long a coating lasts. Coatings may not adhere so well or may have reduced resistance to weathering on planed larch and softwoods with an especially high resin content, especially if the wood has growth rings, knots, and areas of resin-rich summer wood. In these cases, coatings will need to be re-applied more frequently. The only remedy for this issue is very coarse sanding (P80). If these wood types are used in rough-sawn quality, coatings will not have to be re-applied as often.

As a rule, coating systems on rough-sawn or fine-sawn wood surfaces last considerably longer than comparable systems on planed or sanded surfaces. To achieve pre-greying effects at the production plant, it is generally recommended to use rough-sawn softwood. Only rift-sawn/quarter-sawn wood should be used for timber facades.

Design-based wood protection:

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

Substrate requirements:

In order to prevent adhesion problems, the substrate must be clean, dry, free of dust, grease and any other substances that could impair adhesion, and must have been properly prepared. In addition, the moisture content of wood building elements must not exceed 18%.

Sealing effect:

When using water-based coating systems, it is not possible to completely rule out the risk of discolouration due to substances in the wood. Even products with special sealing properties cannot fully prevent this. Excessive dilution of the product being used, overly damp wood, or failure to follow the instructions on coating order, application quantity and drying time can impair the sealing effect of the product.

Coating matchboarding and rhomboid boards for facades:

In the case of facades with rear ventilation (cold facades), the primer and intermediate coating must be applied to all sides. The finishing coat can be applied to just one side. Facades without rear ventilation (warm facades) must be coated on all sites (primer, intermediate and finishing coat).

When coating matchboarding at the production plant, it must always be ensured that the primer and intermediate coating are applied to the entire surface area of the wood, including all profiled sections. Before installing matchboarding/rhomboid panels, the cut faces must be sealed with Induline SW-910 in order to prevent the ingress of moisture. Facade cladding with visible fixing must be coated with an additional layer of product in brushing quality after installation.

Design ideas for wooden surfaces

The design possibilities for wooden surfaces are virtually unlimited. This means that choosing the right colours for a project can be difficult and time-consuming. But now this challenge can be overcome with the "Design ideas for wooden surfaces" colour card from Remmers. This compact and easy-to-use card features more than 130 opaque and translucent colour suggestions. But although it is small, it is still mighty: since our smart collection comprehensively covers all the colour spaces, virtually every wish can be fulfilled.

Remmers varnishes are available in 56 colours. In addition to the popular classics, these also include a wide array of grey tones in the Grey-Protect range for creating timeless pre-greying effects. Every varnish colour has a matching (opaque) NCS colour. When it comes to opaque tones, there are 75 shades to choose from. Here you will find the most popular colours for decorating interior and exterior wood: These include the top RAL and NCS colours, as well as a few carefully chosen additions to round out the colour space.

Virtually all stains and varnishes in the Remmers product range can be ordered in these colours. The "remmers-mix" symbol, which can be found on the product detail pages and technical data sheets, indicates all the products that can be tinted individually using batching equipment.



















Centre of expertise for wood surfaces in Löningen and Hiddenhausen

The future of wood coatings starts here

The technical capabilities of the centres of expertise enable us to develop product systems that are fit for the future and meet all the individual wishes and needs of our customers. The centres of expertise fulfil the following key functions:

- International research, customer and service centre as well as training site – all under one roof
- Reproducing all customer parameters via real simulations of scenarios with adjustable climate zones
- Cutting-edge system technology including a fully automatic 6-axle coating robot with 3D part detection, vacuum processing equipment, board coating machines, surface spraying equipment and much more
- Faster development of new coating systems
- Qualified knowledge transfer thanks to the integrated training and seminar centre

Reliability and expertise for more than 70 years

A leading European coatings manufacturer

Remmers has been active in the coatings industry for more than 70 years. Over this time, it has evolved into a leading specialist for wood protection and finishing, with a presence throughout Europe. By focusing on the targeted research and development of high-grade coating systems for specific niche applications, Remmers has positioned itself as a powerful partner. For instance, in addition to conventional wood coatings for brush and

roller application, we also offer interior wood varnishes for small-scale and industrial use, as well as high-grade coating systems for dimensionally stable wood building elements and wood with limited or no dimensional stability. We help our customers to choose the right products and production processes, while our service team is on hand to offer support.

- Independent and family-run since 1949
- Numerous prominent reference projects around the globe
- Expertise in the construction, timber and floor laying trades
- Added value for customers thanks to the Bernhard Remmers Institute for Analytics and the Bernhard Remmers Academy
- No. 1 in Germany for coatings for dimensionally stable wood building elements
- Comprehensive advice on all products from qualified experts
- Support with selecting products, equipment and production processes
- Hundreds of specialist representatives and application technicians across Europe to provide local support to our customers
- Telephone support from qualified specialists
- User-friendly system finder for finding the right product quickly







Customers come first

The diverse services offered by the Remmers Group

The Remmers Group has taken a unique approach to meeting the requirements of the market and its customers, ranging from research and development of product systems, through to sales and logistics, as well as knowledge transfer and customer service. By establishing clear divisions between its areas of expertise, Remmers offers considerable added value for customers and business partners alike.







Consultation the systematic way. Remmers Professional Planning is a group of experts who provide planning services on a project-specific basis. They devise concepts for new and old buildings and are supported by some of Europe's leading specialists.



Bernhard Remmers Academy

Success through dialogue. The Bernhard Remmers Academy was established as a joint initiative between Bernhard Remmers, the German skilled trade sector, and the German foundation for monument preservation. With more than 10,000 seminar participants every year, it is the top hotspot for knowledge exchange between scientists, skilled tradespeople, planners and monument preservation specialists.







Bernhard Remmers Institute for Analytics

Tested. Planned. Built. The Bernhard Remmers Institute for Analytics is an independent testing laboratory and expert partner for skilled traders, architects, specialists and public institutions. Thanks to its high-performance analytical technology which encompasses more than 200 testing methods, the institute can offer customer-focused analytical services with validated test results.



Find your local contact