



HEMEL[®]
Excellence in Wood Coatings

HEMEL PRO PRODUCT CATALOGUE

Milestones

HEMEL®

1966 • Hickson Timber Impregnation Co. Ltd. establishes Turkey's first timber impregnation plant.

**HICKSON
DECOR®**

1983 • Introducing the first-ever long-lasting exterior breather paint.

1992 • Introducing the first one-component water-based wood floor finish.

1997 • The first "Class 1" certified fire-retardant system is introduced to the market.



2002 • Introducing the first environmentally friendly arsenic-free vacuum pressure treatment products to the Turkish Timber Treatment Industry.

2005 • The first entry into the do-it-yourself Market in Bauhaus and B&Q shops.

2010 • The newly established HEMEL plant in Tuzla started manufacturing wood coatings.

2011 • ISO 9001:2008 and OHSAS 18001:2007 Quality Certifications achieved.

2012 • The research and development department was established.
• Production focused on water-based and environmentally friendly products.



2016 • HEMEL celebrated its 50th year in the industry with a fresh logo and updated packaging.
• Exports reached 12 countries, and 350 sales points were reached in the domestic market

2017 • Introducing the first ultramat water-based wood floor finish and VOC-free wood oil.



2018 • The Prime brand was established to provide a cost-effective solution for wood coatings.
• Introducing the first water-based sports hall wood floor finish.

2019 • TSE-ISO 10002:2014 Customer Satisfaction Management System Certification achieved.



2020 • The Restol brand was acquired from Lonza Wood Protection.
• HEMEL Marine Products were introduced to the marine Market.

2023 • Exports reached 32 countries, and 400 sales points were reached in the domestic market
• Introducing the first scratch & UV resistant all-purpose oil for all wooden surfaces.
• Construction of the second coatings manufacturing facility was started to increase flexibility and improve the quality of the products and services.



VISION

To achieve the utilization of wood as a sustainable, widely used, and long lasting building material;

In this context, to find the most accurate information, cutting-edge technologies and methods available;

To offer these to the service of users and applicators;

By training, enabling and motivating our workforce and sales partners for success.

MISSION

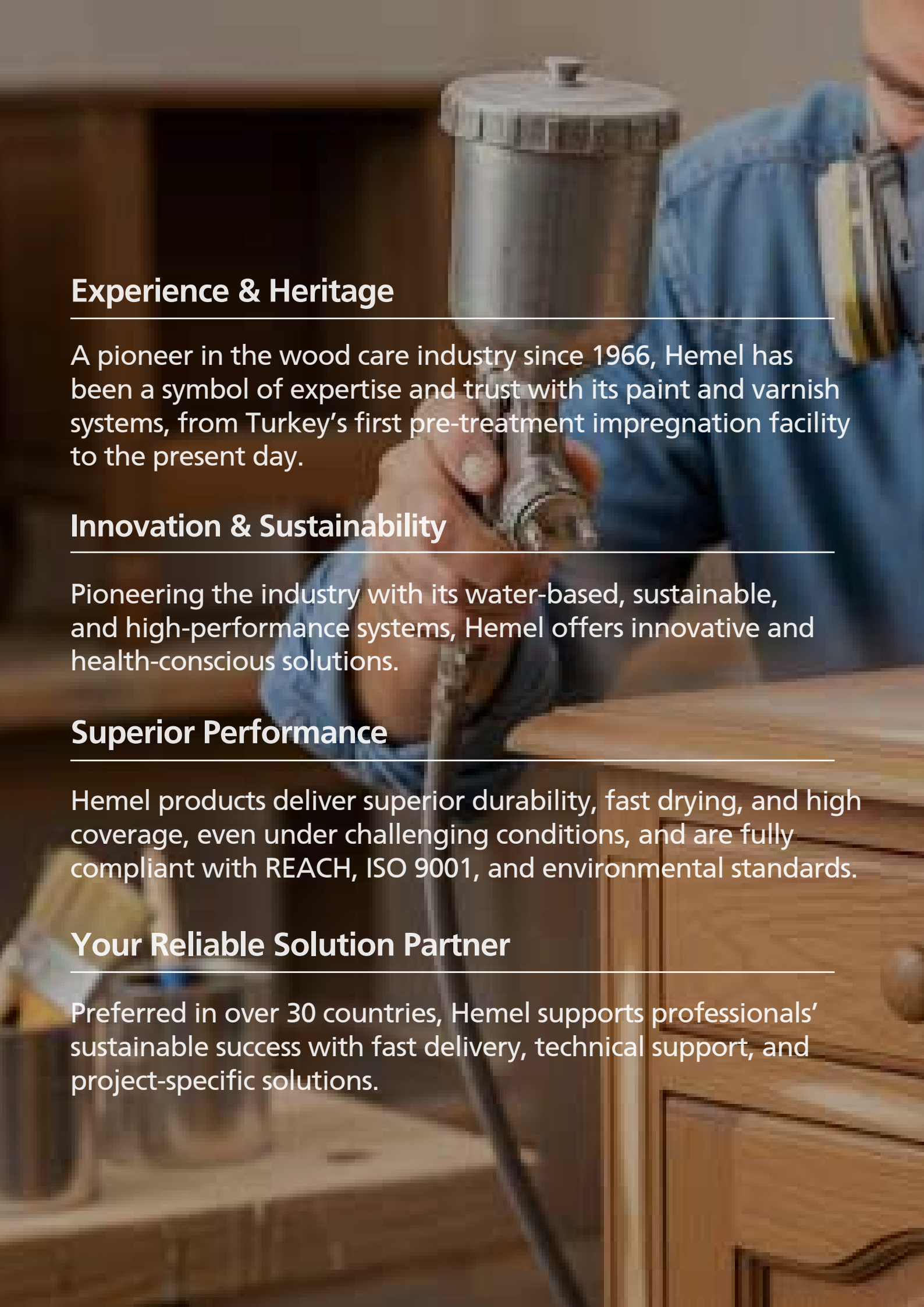
Leaving a heritage of green forests and habitable cities to the coming generations by achieving the most efficient utilization of wood as a renewable material through the use of technology.

Established in Istanbul in 1966 as a Turkish-British partnership, **HEMEL Wood Coatings** has been a pioneer in the wood preservation and coating industry for more than five decades. Today, HEMEL exports premium-quality wood coatings to **32 countries worldwide**, including key markets such as the **Netherlands, the United States, France, Russia, and Singapore.**

With a strong international presence and strategic partnerships, HEMEL has earned a reputation as a **trusted and preferred brand** in both residential and professional wood care segments.

Driven by innovation, we continually invest in **research and development** to stay ahead of global trends. Our focus on **cutting-edge technologies, sustainable practices, and eco-friendly formulations** ensures that our products not only deliver exceptional performance but also support a healthier planet.

As we move forward, HEMEL remains committed to delivering **uncompromising quality, technological excellence, and outstanding customer service.** With decades of expertise, a broad global footprint, and a diverse product portfolio, **HEMEL is your reliable partner for all wood coating solutions.**

A person wearing a blue denim shirt is using a spray gun to apply a substance from a silver canister onto a wooden surface. The background is slightly blurred, showing more of the workshop environment.

Experience & Heritage

A pioneer in the wood care industry since 1966, Hemel has been a symbol of expertise and trust with its paint and varnish systems, from Turkey's first pre-treatment impregnation facility to the present day.

Innovation & Sustainability

Pioneering the industry with its water-based, sustainable, and high-performance systems, Hemel offers innovative and health-conscious solutions.

Superior Performance

Hemel products deliver superior durability, fast drying, and high coverage, even under challenging conditions, and are fully compliant with REACH, ISO 9001, and environmental standards.

Your Reliable Solution Partner

Preferred in over 30 countries, Hemel supports professionals' sustainable success with fast delivery, technical support, and project-specific solutions.



HEMEL®
Excellence in Wood Coatings

PRODUCT

PRODUCT	PRODUCT TYPE				RESIN	APPEARANCE	COLOR	TINTING	GLOSS	COMPONENT	VISCOSITY	VOC (G/L)	MICRON	TOUCH DRY TIME	STACKING TIME	AREA OF USE	APPLICATION METHOD			
	DYE	PRIMER	TOPCOAT														CONVENTIONAL SPRAY GUN	AIR MIX SPRAY GUN	AIRLESS SPRAY GUN	BRUSH
HEMEL PRO HD 20XX				AQUA	ALKYD	SEMI TRANSPARENT	VARIOUS COLORS		NATURAL	1	12" ± 2 DIN4, 20°C	73		30 MIN	4-6 HOURS	 INTERIOR/ EXTERIOR				
HEMEL PRO SA 20XX				AQUA	ALKYD	SEMI TRANSPARENT	VARIOUS COLORS		NATURAL	1	11" ± 2 DIN4, 20°C	33		30 MIN	4-6 HOURS	 INTERIOR/ EXTERIOR				
HEMEL PRO HD 1500				AQUA	ALKYD	TRANSPARENT	CLEAR		NATURAL	1	12" ± 2 DIN4, 20°C	81		30 MIN	4-6 HOURS	 INTERIOR/ EXTERIOR				
HEMEL PRO BA 2119				AQUA	ACRYLIC	OPAQUE	WHITE		MATTE	1	65" ± 2 DIN6, 20°C	32	75	30 MIN	1,5-2 HOURS	 EXTERIOR				
HEMEL PRO PA 1119				AQUA	ACRYLIC	OPAQUE	VARIOUS COLORS		VARIOUS GLOSS LEVELS	1	35" ± 2 DIN6, 20°C	37-39	150	30 MIN	16 HOURS	 EXTERIOR				
HEMEL PRO VA 1030				AQUA	ALKYD - ACRYLIC	TRANSPARENT	LIGHT OAK		SILK-MATTE	1	45" ± 5 DIN6, 20°C	48	150	30 MIN	24 HOURS	 EXTERIOR				
HEMEL PRO VA 1130				AQUA	ACRYLIC	TRANSPARENT	LIGHT OAK		SILK-MATTE	1	55" ± 2 DIN4, 20°C	38	150	30 MIN	24 HOURS	 EXTERIOR				
HEMEL PRO TX 9030				AQUA	ACRYLIC	TRANSPARENT	RED OAK		SILK-MATTE	1	41.000 CP BROOK-FIELD 20°C	53	150	30 MIN	24 HOURS	 EXTERIOR				
HEMEL PRO TX 9180				AQUA	ACRYLIC	TRANSPARENT	CLEAR		GLOSSY	1	125" ± 5 DIN6, 20°C	51	150	30 MIN	24 HOURS	 EXTERIOR				
HEMEL PRO SC 7730				AQUA	ACRYLIC	TRANSPARENT	CLEAR		SILK-MATTE	1	55" ± 2 DIN4, 20°C	39	150	30 MIN	24 HOURS	 INTERIOR/ EXTERIOR				
HEMEL PRO MX 4000				AQUA	ACRYLIC	OPAQUE	WHITE		MATTE	1	38" ± 2 DIN4, 20°C	29	150	30 MIN	24 HOURS	 INTERIOR				
HEMEL PRO MX 3030				AQUA	ACRYLIC	TRANSPARENT	CLEAR		SILK-MATTE	1	30" ± 2 DIN6, 20°C	43	150	30 MIN	24 HOURS	 INTERIOR				
HEMEL PRO MX 4060				AQUA	ACRYLIC	OPAQUE	WHITE		SILK-MATTE	1	30" ± 2 DIN6, 20°C	43	150	30 MIN	24 HOURS	 INTERIOR				

METHOD					DESCRIPTION
ROLLER	CLOTH	DIPPING	FLOW COATING		
					- Natural and rich appearance – Thanks to its high-filling formula, it clearly reveals the natural texture and grain of wood and can be used as a primer. - Versatile application – Can be easily applied with a brush, cloth, or dipping method, adapting to work processes. - Safe – Water-based and low-odor formula, free from heavy metals and lead.
					- Natural and aesthetic appearance – Its varnish-free formula highlights the natural grain and texture of the wood. - Versatile application – Easily applied with a brush, cloth, or dipping method, it adapts to work processes. - Safe – Water-based and low-odor formula, free from heavy metals and lead.
					- Excellent surface preparation – Provides high saturation on the surface, ensuring stronger adhesion, longer-lasting performance, and a more balanced color appearance. - Breathable and extra protective structure – Allows moisture inside the wood to escape, ensuring the surface remains durable, offering extra durability especially on ThermoWood. - Versatile application options – Can be applied by spraying, dipping, spray gun, cloth, brush, and roller, reducing the formation of brush and roller marks to achieve a smooth surface.
					- Excellent surface preparation – Its high filling power smooths the surface and ensures better adhesion of the topcoat. - Durable and breathable structure – Allows wood to breathe, maintaining moisture balance, and its flexible structure prevents cracking or peeling. - Safe – Water-based and low-odor formula, free from heavy metals and lead.
					- Excellent durability – Protects the surface with high coverage and provides long-lasting protection against sunlight with its UV resistance. - Resistant to water and weather conditions – Provides excellent protection on exterior surfaces with its water-repellent structure, allowing moisture inside the wood to escape by breathing. - Flexible and crack-free – Its flexible formula prevents peeling, flaking, or cracking over time, offering a long-lasting aesthetic appearance.
					- Natural and transparent protection – Preserves the natural texture and color of the wood, providing an aesthetic appearance. - Superior outdoor durability – Protects wood from moisture and water with its water-repellent properties and provides resistance to sunlight with its UV resistance*. - Long-lasting flexibility – Adapts perfectly to the surface without peeling, flaking, or cracking, and is easy to apply with a brush.
					- Long-lasting transparent protection – Protects the wood's natural appearance while providing resistance to external factors. - Maximum outdoor resistance – Protects against moisture thanks to its water-repellent properties, is resistant to sunlight*, and breathes to extend the life of the wood. - Easy and professional application – Can be applied with a spray gun, sprayed vertically, and perfectly adheres to the surface without peeling, flaking, or cracking.
					- Ultra-durability for urban furniture and exteriors – Its high-strength gel formula provides superior resistance to heavy outdoor use. - Maximum protection and flexibility – Its water-repellent and UV-resistant* structure protects wood for many years, allows moisture to escape by breathing, and does not crack. - Easy professional application – Can be applied with an airless or airmix spray gun, can be sprayed vertically, and adheres perfectly to the surface without peeling or bubbling.
					- Ultra protection for urban furniture and exteriors – Its high-performance formula provides extra resistance against heavy outdoor use. - Glossy and long-lasting protection – Its transparent, glossy surface highlights the aesthetic appearance of wood, while its water-repellent and UV-resistant* structure provides excellent protection against external factors. - Easy and professional application – Can be applied with an airless or airmix spray gun, can be sprayed vertically, and adheres perfectly to the surface without peeling, bubbling, or cracking.
					- Ideal outdoor protection – Protects wood from sun, moisture, and other external factors with its water-repellent and UV-resistant formula. - Breathable formula – Allows moisture within the wood to escape, preventing surface cracking and deterioration. - Easy and professional application – Can be applied with an industrial paint sprayer, sprayed vertically, and speeds up the process with its ready-to-use formula.
					- Excellent surface preparation – Its high filling power smooths the surface, ensuring perfect adhesion of the topcoat. - Easy to work with and flexible structure – Its elastic structure prevents cracking, and its easy sanding property speeds up application processes. - Safe – Water-based and low-odor formula, free from heavy metals and lead.
					- Superior adhesion and high durability – Provides excellent adhesion to all surfaces, offering complete coverage and a smooth appearance in two coats. Its high surface resistance makes it resistant to scratches and impacts. - Non-yellowing and flexible structure – Does not yellow over time; its elastic and rigid structure provides long-lasting protection without cracking or peeling. - Easy and practical application – Odorless and quick-drying formula for easy application, requires no catalyst or hardener, ready to use.
					- Superior adhesion and high durability – Provides excellent adhesion to all surfaces, offering complete coverage and a smooth finish in two coats. Its high surface resistance makes it resistant to scratches and impacts. - Non-yellowing and flexible structure – Does not yellow over time; its elastic and rigid structure provides long-lasting protection without cracking or peeling. - Easy and practical application – Odorless and quick-drying formula makes it easy to apply; no catalyst or hardener required, ready to use.

When applied together with HD 20XX or SA 20XX

PRODUCT

PRODUCT	PRODUCT TYPE			BASE	RESIN	APPEARANCE	COLOR	TINTING	GLOSS	COMPONENT	VISCOSITY	VOC (G/L)	MICRON	TOUCH DRY TIME	STACKING TIME	AREA OF USE	APPLI
	DYE	PRIMER	TOPCOAT														CONVENTIONAL SPRAY GUN
HEMEL PRO WP 2000				AQUA	-	TRANSPARENT	CLEAR		MATTE NATURAL	1	-	-	-	-	24 HOURS	 INTERIOR/ EXTERIOR	
HEMEL PRO TO 2000 MARINE				OIL	OIL	TRANSPARENT	CLEAR		MATTE NATURAL	1	11" ± 2 DIN4, 20°C	572			24 HOURS	 EXTERIOR	
HEMEL PRO DO 1000				OIL	OIL	SEMI TRANSPARENT	VARIOUS COLORS		MATTE NATURAL	1	30" ± 5 DIN4, 20°C	108			24 HOURS	 EXTERIOR	
HEMEL PRO WO 1000				OIL	OIL	TRANSPARENT, SEMI TRANSPARENT	VARIOUS COLORS		MATTE NATURAL	2	35" ± 2 DIN4, 20°C	0		15 MIN	24 HOURS	 INTERIOR/ EXTERIOR	
HEMEL PRO HT 1000				AQUA	POLYURETHANE	TRANSPARENT	CLEAR		VARIOUS GLOSS LEVELS	2	21" ± 2 DIN4, 20°C	36	-	-	24 HOURS	 INTERIOR	



APPLICATION METHOD							DESCRIPTION
AIR MIX SPRAY GUN	AIR LESS SPRAY GUN	BRUSH	ROLLER	CLOTH	DIPPING	FLOW COATING	
		■	■		■		- Deep-penetrating pre-treatment and easy application – Easily applied with a brush or by dipping, it penetrates deep into the wood for long-lasting protection. - Health-conscious – Water-based, odorless, and compliant with European standards, it offers safe use. - Natural appearance with color options – Available in brown, green, and transparent options to suit different needs; ready to use.
■		■	■	■			- Additional protection against outdoor conditions – Provides seasonal resistance to water and sunlight, resistant to salt water; ideal for boats and garden furniture. - Nourishes and revitalizes wood – Penetrates deeply to preserve wood's natural appearance, providing a vibrant and well-maintained surface. - Practical use and easy maintenance – Easy to apply, does not flake over time; can be reapplied without sanding when maintenance is required.
■		■	■	■			- Natural and effective protection in a single coat – Protects wood in a single coat with its UV-resistant formula, providing a natural look without forming a film layer. - Extends the life of wood – Protects surfaces with its water-repellent properties and reduced splintering, providing durability against outdoor conditions. - User-friendly – Contains no heavy metals or lead, and its ready-to-use formula allows for easy and effortless application.
■		■	■	■			- Natural Look, Strong Protection - Its tinted formula preserves the natural texture of the wood, does not form a film on the surface, and penetrates deeply in a single coat for long-lasting protection. - Resistant to Wear and Scratches - Thanks to its advanced formula, it exhibits high resistance to wear and tear from daily use; it can be used safely on parquet and furniture. - User-Friendly - With 0% VOC content, it is harmless to both the applicator and living spaces. Easy to apply, leaves no streaks, and allows for spot maintenance.
■		■	■				- High scratch and wear resistance – Protects the surface with its heavy-duty construction, providing long-lasting and durable protection. - Natural appearance, non-yellowing formula – Preserves the wood's color without altering it, does not cause yellowing, and maintains its aesthetic appearance for a long time. - Safe and easy to use – Odorless, elastic, and lead-free, it can be safely used indoors and is ready for use.



PRODUCTS BY APPLICATION AREA

	FACADE CLADDINGS, JOINERY, EXTERIOR DOOR, SHUTTER, PERGOLA, BALCONY RAILINGS	URBAN FURNITURE	DECKS	PANEL DOORS	INTERIOR DOOR
HEMEL PRO HD 1000	✓	✓			✓
HEMEL PRO HD 20XX	✓	✓			✓
HEMEL PRO SA 20XX	✓	✓			✓
HEMEL PRO BA 2119	✓				
HEMEL PRO PA 1119	✓				
HEMEL PRO VA 1030	✓				✓
HEMEL PRO VA 1130	✓				✓
HEMEL PRO TX 9030	✓	✓			
HEMEL PRO TX 9180	✓	✓			
HEMEL PRO SC 7730	✓				
HEMEL PRO MX 4000				✓	✓
HEMEL PRO MX 3030				✓	✓
HEMEL PRO MX 4060				✓	✓
HEMEL PRO TO 2000					
HEMEL PRO DO 1000	✓		✓		
HEMEL PRO WO 1000					✓
HEMEL PRO WP 2000	✓	✓	✓		
HEMEL PRO FS 2119	✓			✓	✓
HEMEL PRO HT 1000					✓

STAIRS	INTERIOR WALL PANEL, MOLDING, WAINSCOTING	KITCHEN AND BATHROOM COUNTERTOPS	GARDEN FURNITURE	CHILDREN'S FURNITURE	CHAIR
✓	✓		✓		✓
✓	✓				✓
✓					✓
	✓				
	✓				
	✓				
	✓				
	✓				
	✓				
	✓			✓	✓
✓	✓			✓	✓
✓	✓			✓	✓
	✓		✓		
			✓		
✓	✓	✓		✓	✓
✓	✓	✓		✓	✓

RECOMMENDED COATING SYSTEMS BY APPLICATION AREA

FACADE CLADDINGS, JOINERY, EXTERIOR DOOR, SHUTTER, PERGOLA, BALCONY RAILINGS	PRE-TREATMENT/ PRIMER		DYE/ PRIMER		TOPCOAT		FINISH		
	PRODUCT	NUMBER OF COATS	PRODUCT	NUMBER OF COATS	PRODUCT	NUMBER OF COATS	TRANSPARENT	SEMI TRANSPARENT	OPAQUE
			SA 20XX	1	VA 1130	2		✓	
			HD 20XX	1	VA 1130	2		✓	
			SA 20XX	1	TX 9030	2		✓	
			HD 20XX	1	TX 9030	2		✓	
			SA 20XX	1	TX 9180	2		✓	
			HD 20XX	1	TX 9180	2		✓	
	WP 2000	1	SA 20XX	1	VA 1130	2		✓	
	WP 2000	1	HD 20XX	1	VA 1130	2		✓	
	WP 2000	1	SA 20XX	1	TX 9030	2		✓	
	WP 2000	1	HD 20XX	1	TX 9030	2		✓	
	WP 2000	1	SA 20XX	1	TX 9180	2		✓	
	WP 2000	1	HD 20XX	1	TX 9180	2		✓	
	WP 2000	1	HD 20XX	1	TX 9180	2		✓	
			BA2119	1	PA1119	2			✓
	WP 2000	1	BA2119	1	PA1119	2			✓

	PRE-TREATMENT/ PRIMER		DYE/ PRIMER		TOPCOAT		FINISH		
	PRODUCT	NUMBER OF COATS	PRODUCT	NUMBER OF COATS	PRODUCT	NUMBER OF COATS	TRANSPARENT	SEMI TRANSPARENT	OPAQUE
URBAN FURNITURE		1	SA 20XX	1	TX 9030	2		✓	
		1	HD 20XX	1	TX 9030	2		✓	
		1	SA 20XX	1	TX 9180	2		✓	
		1	HD 20XX	1	TX 9180	2		✓	
	WP 2000		SA 20XX	1	TX 9030	2		✓	
	WP 2000		HD 20XX	1	TX 9030	2		✓	
	WP 2000		SA 20XX	1	TX 9180	2		✓	
	WP 2000		HD 20XX	1	TX 9180	2		✓	
DECKS					DO 1000	1		✓	
					EO 1000	2		✓	
					AD 1000	2		✓	
	WP2000	1			DO 1000	1		✓	
	WP2000	1			EO 1000	2		✓	
	WP2000	1			AD 1000	2		✓	
GARDEN FURNITURE					TO 2000	1		✓	
					DO 1000	1		✓	
					EO 1000	2		✓	
					AD 1000	2		✓	
	WP2000	1			TO 2000	1	✓		
	WP2000	1			DO1000	1		✓	
	WP2000	1			EO1000	2		✓	

RECOMMENDED COATING SYSTEMS BY APPLICATION AREA

	PRE-TREATMENT/ PRIMER		DYE/ PRIMER		TOPCOAT		FINISH		
	PRODUCT	NUMBER OF COATS	PRODUCT	NUMBER OF COATS	PRODUCT	NUMBER OF COATS	TRANSPARENT	SEMI TRANSPARENT	OPAQUE
GARDEN FURNITURE	WP2000	1			AD1000	2		✓	
PANEL DOORS			MX4000	2	HR 1119	1-2			✓
					HR 1119	2			✓
			MX4000	2	MX 4060	1-2			✓
					MX 4060	2			✓
			MX4000	2	NX 1119	1-2			✓
					NX 1119	2			✓
FURNITURE					WO 1000	1	✓	✓	
					HT 1000	2-3	✓		
					MX 3030	2-3	✓		
			SA 20XX	1	HT 1000	2		✓	
			HD 20XX	1	HT 1000	2		✓	
			SA 20XX	1	MX 3030	2		✓	
			HD 20XX	1	MX 3030	2		✓	
			NX 1119	2	HT 1000	1-2			✓
			NX 1119	2	NX 1000	1			✓
			MX 4000	1	MX 4060	2			✓

	PRE-TREATMENT/ PRIMER		DYE/ PRIMER		TOPCOAT		FINISH		
	PRODUCT	NUMBER OF COATS	PRODUCT	NUMBER OF COATS	PRODUCT	NUMBER OF COATS	TRANSPARENT	SEMI TRANSPARENT	OPAQUE
INTERIOR DOOR					WO 1000	1	✓	✓	
					HT 1000	2-3	✓		
					MX 3030	2-3	✓		
			SA 20XX	1	HT 1000	2		✓	
			HD 20XX	1	HT 1000	2		✓	
			SA 20XX	1	MX 3030	2		✓	
			HD 20XX	1	MX 3030	2		✓	
					HR 1119	2			✓
					MX 4060	2			✓
					NX 1119	2			✓
STAIRS					WO 1000	1	✓		
					HT 1000	3	✓		
			SA 20XX	1	HT 1000	3		✓	
			HD 20XX	1	HT 1000	3		✓	
			MX 4060	2	MX3030	2			✓
			MX 4060	2	HT 1000	2			✓
			NX 1119	2	HT 1000	2			✓
			MX 4060	2	MX3030	2			✓
			NX 1119	2	NX 1000	1			✓
KITCHEN AND BATHROOM COUNTERTOPS					WO 1000	1	✓	✓	

HEMEL®

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