

COMPANY / CATALOG



VERMEISTER[®]
SOLUTIONS FOR WOOD FLOORS





**Chemistry is our subject
and wooden floor is our passion.**

Since 1975, Vermeister has been dealing solely and exclusively in wooden floors. This dedication combined with our experience has led us to become today's true point of reference in the field of wood floor treatment and maintenance.

About us

We have built a company in Mornico al Serio where we all share a single goal, with a great spirit of collaboration and a sense of belonging.

By combining experience and professionalism we have developed a unique knowhow, with an all-Italian sensibility. We have always been one step ahead when it comes to the research and development of new technologies, always managing to surpass ourselves in terms of our high-quality standards. However, even the most refined research and development skills are worthless if not accompanied by equally effective organization. This is why, at Vermeister, we work using the "UNI EN ISO 9001 Quality Management System".

We are at the side of industry professionals as reliable partners, assisting our customers in choosing the most suitable and safest solutions to deal with and solve the daily problems that arise at the job site. We are at their side even in the after-sales phase, offering highly qualified and professional customer support.

During **50 years of business, Vermeister** has gone from a small local company to an international leader in the chemistry sector applied to wooden floors, present in **over 60 Countries on 5 continents.**



Marco and Silvano Arzuffi (Vermeister COO and CEO)



Identification and control of environmental impact

Every year, Vermeister S.p.A. entrusts reliable environmental analysis laboratories with the investigation of emissions into the atmosphere, in order to demonstrate full compliance with the mandatory limits, as well as the efficiency of its plants. The investigations conducted, aimed at searching for organic compounds, powders and amines, allow us to highlight with satisfaction that emissions are normally lower than 20% of the limits authorized by the competent authorities and, in some cases, even within the limits of detection. Obviously, when it comes to waste disposal, our company relies on authorized companies registered in the National Register of Companies that manage special waste. **We care about the reality of good, not the perception of it.**



Safe production process

We have progressively reduced or eliminated dangerous substances well beyond the thresholds established by the regulations, with a consequent reduction in operator exposure. Static and mobile suction systems have been implemented to eliminate even the smallest sources of vapors generated both during laboratory research and development activities and during production phases. The possible emission of residual dust from the vents of the calcium carbonate deposits has prompted us to install a dry dust collector with a filtering medium, capable of continuously controlling and ensuring the levels of environmental performance required by current regulations, with immediate notification of any anomaly. Localized vacuuming represents the best solution to ensure a work environment that is not only safe, but also clean, and plays an important role in ensuring compliance with environmental safety provisions.



Vermeister has used specialists in process technology, mechanical engineering, electrical engineering and automation, uniting them to outline the entire production process.

Safety regulations and environmental protection were important aspects in the design of rooms for the safe storage of all our raw materials.

The aerial transport of raw materials to the mixing stations, as well as the mixing itself and the packaging, takes place in automation in order to reduce manual handling with a consequent reduction in operator exposure and possible manual errors. Finally, the low consumption of our plants guarantees energy savings and cuts in waste, resulting in an optimized production chain at every stage.

Technology and transparency

We care very much about the transparency of information with our customers. We believe it is essential to make the users of our products aware of any aspect related to their safety, starting with the content of our products.

To better manage this area, Vermeister has equipped itself with special software for the management of chemical products classified according to hazard and transport directives, as well as for the creation of safety data sheets, written instructions for road transport, disposal, hazard labels and company instructions.

We are able to automatically generate safety data sheets in 38 languages and for each country, the referencing the respective regulations in force, always up to date. The ability to work on-line makes it possible to manage data in a standardized way on an international level.



What's inside a Vermeister product?

Each Vermeister product doesn't just contain the ingredients of a recipe, it also has the story of the daily commitment of love and passion for what we do, which begins with the search for the best raw materials and the formulation of recipes in line with the highest quality standards, while also characterized by the extensive work required for controlling every single detail.

All this activity is regulated by the UNI EN ISO 9001:2015 CERTIFIED QUALITY MANAGEMENT SYSTEM, with which we have defined rigorous and distinguished procedures to ensure absolute constancy of production.

Over 300 different raw materials are used in our production process. Constant inspection over the entire supply chain for raw materials and any consumables. A network of certified suppliers with whom over time we have established close cooperative relationships; important synergies for the development of raw materials with customized characteristics at our specific request.

RAW MATERIAL QUALITY CONTROL

(the main ones are mentioned)

Degree of humidity

Control of the exact degree of humidity by way of a Karl-Fischer titrator, to protect the stability of the hygrossetting products.



Solid content

Control of the solid content by way of thermal balance.



PLAY VIDEO



Viscosity

Control of viscosity and rheological characteristics by way of a Brookfield viscometer.



A sample of each individual incoming raw material is stored for 1 year at a controlled temperature, in order to manage its control and then guarantee its quality throughout the life of the material. During this period of time, we are able to faithfully reproduce each batch with the same precise raw materials used.



Over 150 items in the catalog, all designed and produced at the Mornico al Serio plant.



Each product is first manufactured in the Research & Development laboratory. From pilot batches to the industrial scale, with the precise purpose of predicting every possible scenario during the industrial production process.



Never lose sight of our only goal: WOODEN FLOORS. 2,500,000 kg/year of adhesives and more than 1,000,000 liters of coatings designed and produced at the Mornico al Serio plant.



COATING QUALITY CONTROL

1 test carried out in the intermediate phase on each production batch. 10 or 12 tests, depending on the product, are carried out at the end of each production batch before packaging and sale.

Viscosity

Control of the viscosity of coatings from the production process to the final package using a Ford cup.



Density - solid content

Fundamental controls to measure the weight/volume ratio and quantify the percentage of resin that remains on the wooden element to guarantee coverage and protection.



pH control

The use of self-cross-connecting resins (S-XL) requires control of the pH levels of the blends during production processes and before packaging.



Control glass

Visual control on glass, to monitor the state of the dispersions at any stage of processing.



Application on wood

Control designed to recreate, in a small way, the application of any coating product on a suitable wooden support.



Adhesion check (Cross Cut)

Adhesion check (Cross Cut), to assess the suitability of the overlaps between layers of coatings also depending on the timing with and without sanding.



Scratch Resistance

Scratch Resistance, to measure the degree of of the coating film's resistance to incisions, executed with a standard diamond tip.



Abrasion resistance

Abrasion resistance, to verify the finish film's resistance to abrasion stress by means of a special pair of abrasive wheels that turn on the sample analyzed, removing coating.



Buchholz hardness

Simulation test of impact on the coating film, resistance and elasticity, the secret of a coating system.



Chemical resistances

Evaluation of the resistance to liquids, of various kinds and aggressiveness, essential for inserting the wooden floor in any environment, residential and commercial.



Sheen

Sheen control, to measure the degree of gloss that will define the final appearance of the coating product.



Flash-point

Flash-point. For solvent-based products, the flash point is checked to define the correct labeling.



All tests are repeated on each batch 30 - 60 - 90 days from the date of manufacture

ADHESIVE QUALITY CONTROL

1 test carried out in the intermediate phase on each production batch. 5 tests are carried out at the end of each production batch before packaging and sale.

Viscosity-rheology

Viscosity-rheology control, using a Brookfield viscometer, to define all the rheological characteristics of an adhesive, on each individual component and after the possible mixing of the two components.



Density

Density control, using a special pycnometer, for evaluating the weight/volume ratio. Appearance, in adhesives, determines the metric yield of the product.



Pot-life control and hardening curve

Pot-life control and hardening curve, to simulate all the phases of preparation and subsequent application of an adhesive and monitor all the "vital" parameters to guarantee correct implementation.



Tensile strength control

Tensile strength control: the importance of tear-resistance of a wooden floor adhesive for safe and durable bonding on any support.



Evaluation of thermal stability (41 days at T=90°C)

Evaluation of thermal stability (41 days at T=90°C) to analyze and compare old and new regulations and define the best standards to pursue.



Batch samples

A sample of each individual production batch is kept for 1 year at a controlled temperature; a quality management process essential for monitoring all corporate processes.



Chromotherapy

46 colours available + infinite "on-demand" colours, prepared inhouse in our Colour Laboratory.



Technical support

Continuous communication with our customers around the world, aimed at creating a dense network of information and know-how made available to anyone who requests it.





Vision

To be recognized worldwide as a truly innovative company and outstanding manufacturer of products for the installation, treatment and maintenance of wooden floors.



Mission

Our Company is constantly committed to setting the highest standards of product performance, without ever forgetting about sustainability aiming at the respect for the environment.

From the very beginning, respect was always been one of the founding values that has distinguished Vermeister's relationships with each individual member of the Company, the customers and the end users.

We wish to continue to jealously guard our corporate identity, defined over the years through the pursuit of absolute excellence.



Codifying our solutions

In order to provide customers with the best guarantees, our products are tested for their performance, safety and environmental friendliness by the most authoritative institutes and independent bodies.



EMICODE EC1

Emicode EC1 is a trademark belonging to GEV, Gemeinschaft Emissionskontrollierte Verlegewerkstoffe, an association that controls the emissions of flooring products, adhesives and building materials, of which Vermeister SpA is an official member. EC1 corresponds to the "very Low emission" class, the best available. Only those products which satisfy the most stringent requirements for the control of emissions can be certified and labelled "EMICODE EC 1" or "EMICODE EC 1 PLUS".



AIR QUALITY IMPROVEMENT (RULE 1113 ARCHITECTURAL COATINGS)

AQMD (SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT) is an American pollution control agency. AQMD has drawn up the SUPER COMPLIANT ARCHITECTURAL COATINGS MANUFACTURERS LIST which groups together those manufacturers who have been able to formulate a product that complies with the very strict evaluation criteria applied by the institute in compliance with RULE 1113.



AIR QUALITY IMPROVEMENT (RULE 1168 ADHESIVE AND SEALANT APPLICATIONS)

As far as adhesives and sealants are concerned, AQMD has set restrictive parameters in compliance with RULE 1168, which establishes limits for the content of VOC and prohibits the use of some substances considered to be extremely dangerous.



QUALITY MANAGEMENT SYSTEM CERTIFIED UNI EN ISO 9001:2015

A keenness to perform in-depth research has no value unless it is backed by an equally efficient organisation and for this reason, in Vermeister we work using the "Quality Management System: UNI EN ISO 9001:2015" which enables us to: optimize the use of internal and external resources, qualify our presence on the market, reduce the production costs of goods and services and guarantee the consistency of our production.



INDOOR AIR EMISSIONS

In France, as from 1st January 2012, construction products installed indoors must bear a label certifying, in a specific and simple way, their level of emission of volatile organic compounds. The level of emission of the product is shown by a class which ranges from A+ (very Low emissions) to C (high emissions). Vermeister products in the Zero concept and Innovation ranges (as well as some products in other ranges) fall within the A+ class. The purpose of this labelling is to provide consumers with clear information about the VOC (volatile organic compounds) emitted by the products after 28 days of testing.



FORMULATED WITH RENEWABLE RAW MATERIALS

The use of green technologies and renewable materials is fundamental for the competitiveness, sustainability and safety of medium and long term supply sources. In Vermeister we promote the use of renewable raw materials in order to improve the performance and reduce the environmental impact of our products.



SOLVENT FREE

The absence of solvents ensures a very low emission of volatile organic compounds, both during use and after the floor has been laid, guaranteeing a better work environment and a low environmental impact.



COBALT AND KETOXIMES FREE

Cobalt compounds are used as siccatives in oil based products and for some years they have been classified as suspected teratogenes (harmful effect on the unborn child) and toxic for the aquatic environment. Methyl ethyl ketoxime, which has always been used as an anti-skinning agent in oil based products, has been classified as a suspected carcinogen for several years. The absence of this substance guarantees a better work environment, both during use of the product and after the floor has been laid, as well as a low environmental impact, to ensure a high level of home comfort.



LOW VOC

European directive EC 2004/42 set limits for the emission of volatile organic compounds (VOC) produced by the solvents contained in finishes. All Vermeister products comply with these parameters.



NMP FREE

NMP (N-methyl-pyrrolidone) is a solvent used in the production of water based finishes, which is classified as dangerous due to the possible negative effects it may have on the reproductive cycle. Since 2007 Vermeister has been formulating only NMP-free water based products.



MDI FREE

MDI, Methylenediphenyl diisocyanate, used in the synthesis of polyurethanes and polyisocyanates, is classified as a suspected carcinogen. Together with the above-mentioned polymers, it is found as a free monomer, generally in quantities lower than a certain threshold value, in order to ensure the utmost safety of operators in the sector. The absence of this substance guarantees a better work environment, both during use of the product and after the floor has been laid, as well as a low environmental impact to ensure a high level of home comfort.



NANO SCALE SYSTEM

Thanks to the use of Nano technology, the NSS system produces coatings that stand out from the rest due to their exceptional resistance, especially their resistance to scratching.



PERMANENT ANTI-SCRATCH SYSTEM

Thanks to the PASS system, the anti-scratch agents are distributed on the surface of the finish and remain "secured" to the polymer by means of indissoluble chemical bonds. In this way they are not removed by washing or by traffic so that the non-scratch properties remain unchanged over time.



SELF CROSS-LINKING SYSTEM

The Self Cross-Linking System S-XL, enables compounds to be added to the coatings that activate after the evaporation of the water and give rise to a true chemical cross-linking. In this way performances are achieved similar to those of two component coatings with single component coatings as if component B had already been added to them.



PRHS TECHNOLOGY

The exclusive PRHS (PERFECT RIDGE HEIGHT SYSTEM) technology improves the specific rheology of the product quite considerably in compliance with the UNI EN 14293:2006 specification, leading to a very spreadable adhesive with a perfect ridge height at any temperature.



DUAL CURE TECHNOLOGY

The DCS (Dual Curing System) technology enables the cross-linking of both a single component finish and, after the addition of a hardener, a two-component finish. Thanks to this particular "dual cross-linking" the finish is outstanding for its speed of drying when used as a single component and for its high resistance to abrasion, scuff marks and chemical products when used as a two-component finish, making it ideal for treating floors subject to heavy traffic.



3D TECHNOLOGY

The exclusive 3D technology has made an enormous improvement to the sandability of the system without compromising the high build and coverage and, as a consequence, the wooden surface is given an appropriate level of insulation after just one coat. It's a special three-dimensional molecular structure that guarantees a subsequent uniformity of absorption, perfect adherence and a tangible improvement in the coverage of the subsequent coats of finish.



SILVER IONS TECHNOLOGY

The antimicrobial properties of ionized silver were already well-known in antiquity. In fact, it is believed that silver not only has antimicrobial, but also anti-viral and antimycotic properties. Against viruses: by inserting itself between the complementary nitrogenous bases, silver causes the denaturation of viral DNA molecules. Against fungi: by attaching itself to the cellular wall, silver migrates inside it and neutralizes its functionality. Against bacteria: silver deactivates the enzymes responsible for the oxidative metabolism, causing the death of the single-cell organism. In-vitro studies have demonstrated that silver is particularly effective against E. coli and Staphylococcus aureus, respectively Gram-negative and Gram-positive bacteria generally used as the basic criterion in bacterial load reduction tests in accordance with ISO 22196:2011.



EN 14904

The EN 14904:2006 standard establishes the technical requirements that flooring for sports halls must satisfy. Particular attention is given to important requirements regarding safety and sports-related features that also concern the treatment of the wood floors. In this instance, consideration is given to: friction (i.e. non-slip properties), resistance to wear and a mirror finish. The Vermeister products bearing this logo comply with the most stringent tests stated in the EN 14904:2006 standard.

IMPORTANT NOTE: The water based products are obviously not in a solvent base. Thanks to this play on words and an easy misinterpretation, water based products are often mistakenly defined as "solvent free". This is incorrect because even water based products contain solvents, their proper name being "coalescents". **Vermeister was the first company to formulate a water based finishing product, ZERO VOC, which is also "solvent free".**



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Zero%

Two component epoxy polyurethane solvent-free adhesive

1.65 Gal. (A+B)



A new generation two component epoxy polyurethane solvent and water free adhesive for gluing wood flooring of any size on concrete screeds, including heated ones and on non-absorbing surfaces (ceramic tiles, stoneware, marble, etc.). It is also ideal for laying planks and engineered wood floors. With an improved rheology making it easier to spread and leading to a perfect ridge height, ZERO% is outstanding for the fact that it is almost insensitive to changes in temperature (seasonality), completely odourless both before and after mixing and offers excellent hold and wettability under any environmental condition. The coverage has also been considerably improved. The high coefficient of elasticity after hardening completes the features of the ZERO% revolutionary adhesive together with its unbeatable characteristics of adhesion and toughness. **Being certified EMICODE EC1, ZERO% may apply for the awarding of the EQ credit for Indoor Environmental Quality – Low-Emitting Materials of the new international certification standard LEED v4.**

Features

- Low environmental impact certified EC1
- Solvent-free
- Very good reactivity even at low temperatures
- Sensitivity to temperature changes (seasonality) has been eliminated - consistent viscosity
- Considerably reduced odour of component B
- Excellent coverage
- Excellent spreadability
- Perfect ridge height

Technical notes

Pot-life (hours)	2
Open time (min.)	60
Ready for traffic (hours)	24/48
Interval before sanding (days)	3
Average coverage (sq.ft./gal)	50-75



Zeromono

Single component high performance adhesive with silanic termination

2 Gal.



Single component moisture-cure silane-terminated adhesive that does not contain water, solvents, isocyanates, epoxy or amino compounds and for this reason does not bear any health or risk warnings or symbols. The EC1 PLUS classification certifies the very low emission of volatile organic compounds both when being applied and once the floor is in use. **Being certified EMICODE EC1PLUS, ZEROMONO may apply for the awarding of the EQ credit for Indoor Environmental Quality – Low-Emitting Materials of the new international certification standard LEED v4.**

Features

- Low environmental impact certified EC1 PLUS
- Certified soundproofing qualities (insulation from footsteps)
- Certified Heat Resistance
- No hazard labels
- Exceptional adhesion
- Permanent elasticity
- Does not stain pre-finished floors, no marks
- High level coverage
- Perfect ridge height
- Will not damage factory finished floors
- Easy clean-up

Easy clean-up

Open time (max. registration time) (min.)	45/60
Open time (surface skin formation time) (min.)	100/120
Ready for traffic (hours)	24
Interval before sanding (days)	4
Average coverage (sq.ft./gal)	65-85



Monosil 600

Single component silane-terminated adhesive in sausage pack

Monosil 600 MI



Single component silane-terminated moisture-cure adhesive. MONOSIL 600 does not contain water, solvents, isocyanates, epoxy or amino compounds or heavy metals (tin) and consequently does not bear any health or risk warnings or symbols. MONOSIL 600 has excellent adhesion characteristics on all subfloors as well as permanent elasticity. These characteristics make it the ideal adhesive for laying engineered and traditional solid wood floors of average size on all subfloors, with or without underfloor heating. MONOSIL 600 does not harm the coating of pre-finished wood floors and for this reason does not leave any marks; other features of this adhesive are the ease with which it can be worked, the high level coverage, resistance to water and the capacity to absorb sound leading to a considerable improvement in the comfort of the environment with regard to noise levels. **Being certified EMICODE EC1PLUS, MONOSIL 600 may apply for the awarding of the EQ credit for Indoor Environmental Quality – Low-Emitting Materials of the new international certification standard LEED v4.**



Primer PU 40'

Single component, quick-drying polyurethane primer

11 Kg (2.5 Gal)



Single-component, quick-drying, water-free, and solvent-free moisture cure polyurethane primer for the treatment of substrates before the installation of wooden floors. The peculiar characteristics of PRIMER PU 40' are its very rapid polymerization, low viscosity and high penetration, which make it suitable for the consolidation and waterproofing of cement and anhydrite substrates in one hand, ready for installation in less than an hour. PRIMER PU 40' can be used to treat dusting screeds or screeds with high residual humidity up to a maximum of 18 lbs./1000 sq.ft./24h. [ASTM F 1869] - 95% rH [ASTM F 2170] (12 lbs./1000 sq.ft./24h. [ASTM F 1869] - 90% rH [ASTM F 2170] in only one coat), as a binder for the preparation of synthetic mortars for quick repairs and as a consolidating agent for old floors. The absence of solvent makes it safe to transport, store (non-flammable product) and use (since it's odorless, it can also be used near residential environments). Especially recommended for screeds with built-in heating.

Features

- Low environmental impact certified EC1 PLUS
- Fast drying (40')
- Solvent-free
- Odourless
- Very high resistance to humidity 95% rH [ASTM F 2170]
- Low level viscosity for deeper penetration

Technical notes

Full drying time (min)	40
Average consumption per coat (Sq.ft./gal)	200-400
Calculated VOC (g/l)	0



Aqua First

Single component waterborne sealer

1 Gal.



Single component waterborne clear sealer featuring an excellent filling capacity, fast drying time and good shading of the wood.

Features

Ease of sanding

Fast

Good toning effect

Technical notes

Dry for sanding (hours) 2

Overcoating without sanding (hours) within 2 (dry to the touch)



One

Single component waterborne, clear sandable and fast drying sealer

1 Gal.



ONE is the latest generation of single component sandable waterborne clear sealer. Featuring a sophisticated internal self cross-linking system (S-XL Self Cross-Linking System), thanks to its particular three-dimensional structure and the exceptional high build, ONE guarantees appreciable high build power on any type of wood comparable with that of a two-component sealer. The high "open time" and the fast hardening time mean that, whatever the environmental conditions, ONE has a minimum tendency to leave lap marks and/or roller marks. The considerable penetration in the pores of the wood, the good tone and perfect sandability in less than an hour after application, make ONE the best ally for the modern wood floor installer. In line with the quality standards that have always characterized Vermeister, for ONE the R&D laboratory has carefully selected raw materials with very Low emission levels and with low olfactory impact making it practically odour-free.

Features

Fast and perfect sandability in 1 hour

No lap marks or roller marks

Odour-free and low emission level

Exceptional high build and insulation qualities

Suitable for 2-coat cycles

Will not pull tannin from white oak

Technical notes

Dry for sanding (hours) 1



Aqua Tenax

Two component clear, non yellowing, waterborne sealer - high build

1 Gal. A+B



Two component waterborne clear sealer featuring a high level insulating capacity, excellent coverage, good sandability and ease of application. The most important feature of this sealer is that it minimizes problems of overlapping. AQUA TENAX has been formulated to give a pleasant shade to the wood without causing unwanted changes to the colour of those woods rich in tannin and other water soluble staining substances (oak, teak...). For this reason, it is recommended especially for difficult woods such as IPE LAPACHO when browning or reddening would be undesirable. Thanks to its high level of solid content, AQUA TENAX can be used in combination with the two component finishes in the INNOVATION range, to carry out two coat finishing cycles.

Features

Low environmental impact certified EC1

High build property

Good sandability

Low emission

Minimizes overlapping

Ideal for 2 coat cycles

Technical notes

Catalysis ratio (vol/vol) 5:1

Dry for sanding (hours) 12

Overcoating without sanding (hours) After 3, within 6



Flame

Two component waterborne sealer with toning effect

1 Gal. A+B



Two component waterborne sealer with a very low content of volatile organic compounds (VOC). The composition of the product based on the latest generation of resins allows the wood to appear in almost the same way as traditional solvent based sealers. Unlike the latter, this product does not cause yellowing over time, preventing excessively dark or unnatural changes in the colour of the wood. This distinctive characteristic of FLAME has been achieved without penalizing other very important qualities such as resistance to the formation of overlapping, considerable coverage, ease of application and sanding. Thanks to its high level of solid content, FLAME in combination with the two component finishes in the INNOVATION range, allows a two coat cycle to be carried out.

Features

High toning power

High build property

Good sanding qualities

Low emission

Minimum overlapping

Ideal for 2 coat cycles

Technical notes

Catalysis ratio (vol/vol) 5:1

Dry for sanding (hours) 16

Overcoating without sanding (hours) After 3, within 8



Zero Voc

Single/two component cross-linkable, waterborne, clear finish

1 Gal.
9.0 Fl.oz
BOOST



Protective waterborne clear finish that is completely solventfree. ZERO VOC can be used both as a single component or as a two component finish after adding ZERO VOC BOOST. Produced with renewable raw materials, ZERO VOC is ideal for green building and when applied directly on the wood it leaves the shade unaltered and provides a very natural effect.

Features

Low environmental impact certified EC1 PLUS
Zero Voc
Highly ecological – re-use of leftover product - no wastage
Hardener has no hazard label
Solvent-free
Formulated with renewable raw materials

Technical notes

Dry for sanding (hours)	3
Degree of gloss - Zero VOC X-MATT	15
Degree of gloss - Zero VOC SATIN	30
Degree of gloss - Zero VOC SEMIGLOSS	60



Ezy

Two component waterborne clear finish

1 Gal. A +
0,1 Gal. B



Two component (100+5) polyurethane “double cross-linking” finish with DCS Dual Curing System technology, to achieve excellent performance in terms of resistance to wear, as well as greater ease of mixing and use. The 2 components can be mixed simply by adding component B to the container of component A and stirring without the need for any particular mixing procedures. It maintains the natural look of the wood thanks to its high level transparency, guaranteeing an excellent coverage and filling capacity, even when only two coats are applied. The superb flow of the film completes the characteristics of a product which is unique in its kind. EZY can be used directly on the wood, even as a single component first coat when faster cycles are required. It guarantees an excellent final look even under the most extreme environmental conditions.

Features

Greater ease of mixing
Greater ease of use even under the most extreme environmental conditions
Guarantee of perfect final look
Extraordinary chemical and mechanical resistance
Low environmental impact

Technical notes

Catalysis ratio (vol/vol)	10:0.5
Overcoating without sanding A+B (hours)	After 1, within 3
Dry for sanding A+B (hours)	12/16
Dry for sanding Single component (hours)	3/5
Degree of gloss EZY X-MATT	10
Degree of gloss EZY SATIN	30
Degree of gloss EZY SEMIGLOSS	60



Idro 2K

2 component waterborne clear, durable finish - high traffic

1 Gal.
A+B



Two component polyurethane waterborne clear finish. In the “natural wood effect” version, IDRO 2K confers a natural appearance to floors together with a uniformity and cleanliness that can only be compared to the results achieved with impregnation cycles with oil and/or wax. Apart from these features regarding appearance, IDRO 2K combines qualities of resistance to abrasion and to rubber marks never before achieved by waterborne products so it is even recommended for use on heavy duty flooring (in salons, shops, etc.). If it is applied directly without a sealer, it brightens up the colour of the wood quite considerably, without leading to yellowing over time.

Features

Low environmental impact certified EC1
Extraordinary chemical and mechanical resistance
Minimizes any finishing defects
100% PU
Exceptional transparency
Unbeatable “natural wood” effect (Matte version)

Technical notes

Catalysis ratio (vol/vol)	10:1
Dry for sanding (hours)	12
Overcoating without sanding (hours)	After 3, within 5
Degree of gloss IDRO 2K MATT	10
Degree of gloss IDRO 2K SATIN	30
Degree of gloss IDRO 2K SEMIGLOSS	50



Silk

Single component waterborne, clear, durable finish

1 Gal.



Single component polyurethane waterborne clear finish featuring exceptional resistance to abrasion and to scuff marks which makes it ideal for use in every situation. From the point of view of appearance, it differs from traditional waterborne products due to its considerable transparency, for the cleanliness of the film and above all for the warm tone that it confers on the wood, avoiding the “whitening” typical of other waterborne finishes.

Features

Low environmental impact certified EC1
Exceptional resistance to abrasion and to scuff marks
Great transparency
Good toning effect

Technical notes

Dry for sanding (hours)	8
Overcoating without sanding (hours)	After 3, within 5
Degree of gloss SILK X-MATT	10
Degree of gloss SILK SATIN	30
Degree of gloss SILK SEMIGLOSS	60
Degree of gloss SILK HIGH GLOSS	90



Velvet

Single/two component waterborne, clear finish with unfinished effect

5 Lt + 0,5 Lt IMPROVER



Single component polyurethane waterborne clear finishing treatment with S-XL technology, formulated with renewable raw materials. Floors treated with VELVET have a completely natural appearance and a unique, velvety feel to the touch. Thanks to the high solid content and the extraordinary drying speed, the product allows very fast work cycles to be carried out (1-2 hours according to environmental conditions). Another very important feature is the ease with which the floors can be touched up if the surface is damaged or in the event of localized defects: in fact, work can be carried out just on those areas by marking them off with tape, sanding them and then reapplying the product. When the surface is dry, there are no signs of marks or imperfections. For rooms subject to heavy traffic, we recommend adding 10% VELVET IMPROVER to the last coat.

Features

Low environmental impact certified EC1
Natural effect
Velvety feel to the touch
Possibility of fast cycles (1-2 hours)
Possibility of invisible touch ups
Ideal for heavy traffic with the addition of Improver

Technical notes

Dry for sanding (hours)	1,5
Degree of gloss (gloss)	5



Up-Grade

Shader for waterborne systems

0,01 Gal.



Vermeister UP-GRADE is a special pre-dosed shader that can be added to any Vermeister waterborne products, sealer or top coat, single or two component, to lighten or darken the original color of the wood, eliminating unpleasant colour changes. Especially for oak and, in general, for all light coloured woods, UP-GRADE in its white version tends to neutralise yellowing and excess shading due to water soluble extractives naturally present in the wood. UP-Grade in Amber is excellent for creating a traditional oil-finished, amber look. Each coat increases the toning effect and it is advisable to carry out a preliminary test to verify the final look. Available in the following shades: WHITE, GREY, BLACK, AMBER.

Features

Enhance the naturalness of the wood
Neutralize yellowing and eliminate undesired changes of colour
Regulate the intensity according to the number of coats applied
Versatile and suitable for all waterborne products (sealers and/or finishes)
Easy to use
Low environmental impact

Technical notes

Quantity per can of sealer or finish* (Gal.)	0,01
*1 bottle for every 1 Gallon can	
Stability and storage (in original, unopened containers stored in a cool, dry place) (months)	12
Standard packaging (Gal.)	0,01

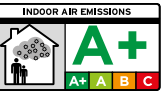


Dom

Single component, clear, waterborne finish for residential use

1 Gal.

5 Gal.



Single component waterborne finish for residential use. DOM features considerable ease of application and excellent levelling properties which make it easy to spread. DOM has good resistance to abrasion, scratching and scuff marks and excellent chemical resistance, characteristics which make it the most competitive choice.

Features

Considerable ease of application
Excellent chemical resistance
Excellent quality/price ratio

Technical notes

Dry for sanding (hours)	4
Overcoating without sanding (hours)	After 1, within 3
Degree of gloss DOM X-MATT	10
Degree of gloss DOM SATIN	30
Degree of gloss DOM SEMIGLOSS	60



Soluzione

Blend of low volatile solvents for diluting waterborne systems

1 Gal.



Blend of coalescences with graduated evaporation to be added to waterborne products to increase the open time and improve the workability. Recommended particularly for hotter periods of the year and for carrying out more demanding jobs. **Perfect for very dry environments and/or large floors.**

Features

The addition of this product to coatings complying with EC DIR. 2004/42 could raise the VOC value above the permitted limits.

Technical notes

Appearance	Transparent liquid
Max. permitted dilution	10%



Detergente Neutro

Neutral detergent for coated wood floors

1 Lt

A concentrated liquid with a powerful cleaning action and low level foaming; recommended for cleaning various surfaces such as coated wood floors, brickwork, marble, ceramic tiles, etc., without rinsing.

Technical notes

Dilution in water for routine cleaning	2-3% (approx. 2 capful every 1 Gal. of water)
Application method	Cotton cloth, Vermeister Mop
Recommended frequency of use	once-twice a week



Soap.Oil

Soap for oil treated wood floors

1 Lt

A natural, nourishing detergent for cleaning and maintaining wood floors with oils from the W.Oil range. This product is based on real coconut soap, the most sought-after natural detergent. It cleans and nourishes the wood fibres, giving the floor a particularly uniform and matt appearance. Do not use on coated floors.

Technical notes

Dilution in water for routine cleaning	5% (approx. 4 capful per Gal of water)
Application method	Cotton cloth, Vermeister Mop
Recommended frequency of use	Once-twice a week



Idronet

Maintenance wax for coated wood floors

1 Lt

Self-polishing fragranced water based cleaner containing detergents and perfumed essences. IDRONET carries out a dual action: it cleans dirt and revives the original finish of the floor. It can be used to clean and protect all types of coated wood floors including those finished with waterborne products.

Technical notes

Dilution in water for ordinary cleaning	5% (approx. 4 capfulls per 1 Gal. of water)
Application method	Cotton cloth, Vermeister Mop
Recommended frequency of use	once-twice a month according to the traffic



Oil.Care

Maintenance product for oil treated indoor wood floors

1 Lt

OIL.CARE is an emulsion of waxes, natural oils, modified oils and special anti-UV additives for the maintenance of outdoor floors treated with DECK.OIL, DECK.OIL STRONG, DECK.OIL GS, ZERO.DECK, or indoor floors treated with products from the W.OIL range. Cobalt and Methyl Ethyl Ketoxime-free. The oily component of OIL.CARE repairs the treatment oil that has deteriorated due to exposure to atmospheric agents and penetrates into the wood providing in-depth protection. The water repellent wax prevents water from entering the pores in the wood, while the anti-UV additives delay the deterioration of the lignin. OIL.CARE is also suitable for protecting all wood products treated with impregnation products, both indoors and out (garden furniture, wooden partitions, beams, fences, etc.). Recommended especially as a protective treatment for WPC

Technical notes

Application method	Roller, Brush, Pad, Beige Pad
Dilution in water	20/25%
Recommended frequency of use	once every 1-2 months
Ready for traffic (min.)	30
Ready for traffic and for max. performance (hours)	12



Anti-slip Cleaner

Self-polishing anti-slip cleaner specifically designed for the maintenance of coated wood floors used for sport

5 Lt
(1,32 Gal.)

1 Lt



Fragranced, self-polishing anti-slip water based emulsion. ANTI-SLIP CLEANER has a multi-purpose protective action because apart from its non-slip feature it also increases resistance to abrasion, protects against sunlight (ANTI-UV) and restores and revives worn floors. It can be used to clean and protect all types of wood floors.

Features

APPROVED BY FIBA

Anti-slip certificate

Technical notes

Application method Cotton cloth, Vermeister Mop

Recommended frequency of use According to the traffic but on average once a month



Sanit-Action Cleaner

Sanitizing cleaner for coated wood floors

5 Lt
(1,32 Gal.)

1 Lt

It acts in three ways: it sanitizes, deodorizes and cleans. Based on quaternary ammonium salts, the composition of the product guarantees extensive, in-depth sanitization by means of a vigorous mechanical removal of germs and bacteria from the surfaces treated. The action of benzalkonium chloride, a quaternary ammonium salt, is well-known for countering Gram-positive and Gram-negative bacteria and fungi through the inactivation of energy-producing enzymes, the denaturation of cellular proteins and the breakage of cellular membranes. The high wetting and cleaning power results in a considerable reduction of the surface tension and excellent adhesion to the surfaces, allowing an in-depth penetration of the surfactants and the removal of dirt in areas that are hard for traditional cleaners to reach. Unlike other cleaning products on the market, Sanit-Action Cleaner has been formulated specifically for wood floors and, due to the synergic combination of its components, it performs its sanitizing, cleaning and deodorizing action with maximum efficiency, leaving the wood fibre unaltered.

Features

Extensive, in-depth sanitization by removal of germs and bacteria

Suitable for countering the flu virus A (H1N1)

Suitable for enveloped viruses, including HBV – HCV

Suitable for viruses belonging to the Coronavirus family

Specifically designed for hardwood floors

Technical notes

Dilution in water (everyday cleaning) 10%

Dilution in water (as a sanitizer) 1:1

Recommended frequency of use 1-2 times a week

Application method Cotton cloth, Vermeister Mop

Stability and storage (in original, unopened containers stored in a cool, dry place) months 12



Meister Mop

Special Mop with spray designed specifically for the daily maintenance of wood floors

Kit consist of

1 Spray Mop

Reusable Vermeister Mop in washable microfibre

1 litre Detergente Neutro

Technical notes

Very easy to use

Rechargeable

Does not leave rings or marks

Easy to manoeuvre to reach more difficult areas

Can be used with all Vermeister Maintenance products

Reduces the amount of water and cleaning products used



Maintenance product display stand

Special Mop with spray designed specifically for the daily maintenance of wood floors

Elegant and practical display stand for maintenance products with a modern design that suits all interiors. Designed with attention to every detail to ensure sturdiness and stability. Only for indoor use.

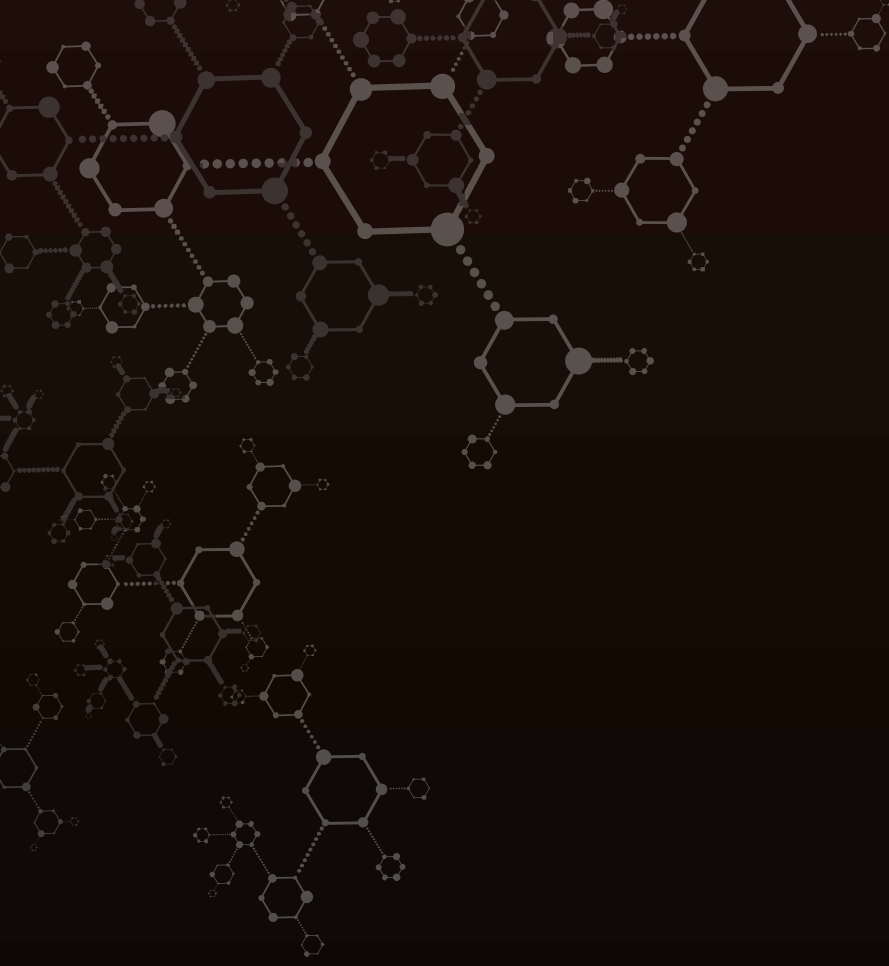
The display stand consists of

96 1 litre bottles (choice of products) + 1 Meister Mop





Vermeister S.p.A. guarantees that the information contained in this catalogue is provided to the best of the company's experience and technical-scientific knowledge and is given as a guideline only and with reference to the characteristics of standard products. Therefore, Vermeister S.p.A. cannot assume any responsibility for the results obtained which depend on the conditions of application that are beyond the company's control.



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