



TECHNICAL DATA SHEET

Certo Varnish Matte

Interior | Acryl-polyurethane Waterborne Varnish
Environmental Low Impact Paint Product For Healthy Interiors

FIELDS OF APPLICATION

A sealer and finish varnish for all interior wood surfaces, particularly for floor surfaces, providing high traffic durability. **Certo Varnish Matte** is an impregnating varnish, unlike most varnishes which are directly applied to a wood surface, **Certo Varnish Matte** penetrates the cellulose fibers of all types of woods, deciduous and conifer, thus creating a permanent and long lasting sealer and protector for wood surfaces. **Certo Varnish Matte** is oil proof and highly water resistant.

Certo Varnish Matte diluted according to instructions can be diluted to use as a wood conditioner, pre-sealer, and at any dilution can be tinted lightly or darkly depending on desired color finish. **Certo Varnish Matte** permits excellent touch-up capability for repairs.

Certo Varnish Matte can be applied to wood and slaked lime plasters, lime wash and porous materials where a durable and washable surface is required. Product is non-yellowing.

PRODUCT FEATURES

An acryl-polyurethane water based varnish that contains very low solvent content, features high scratch resistance, is fast drying, oil proof, and highly water resistant. **Certo Varnish Matte** surpasses professional requirements for use in high traffic conditions for floor finishes, high quality cabinet finishes, is non yellowing, and easy to apply using spray, brushes, rollers or floor wand applications. **Certo Varnish Matte** is a mono component, concentrated product, which is diluted with water for application, providing excellent coverage with 2 coats. Coverage per square foot is above average typical of most varnishes. **Certo Varnish Matte** can be used residentially and commercially for wet sink areas, wet bars, on any type of wood product, without sustaining water damage or wood discoloration by water penetration.

Certo Varnish Matte can be diluted with water for multiple use functions and can be tinted with natural oxide earth tints and 0% VOC colorants to offer esthetic color options with minimal impact to the environment and to provide toxic free air quality for indoors. **Certo Varnish Matte** is an environmental low impact paint material as described in the **Eco Category** description. This product is ideal for use in homes, schools and hospitals and work sensitive areas.

TYPE OF PRODUCT

Surface finishes varnish classification UNI 8681, in water emulsion base, mono-component and air drying, acryl-polyurethane.

SHEEN FINISH

Opaque

COLOR

Transparent Base. Color tint up to 8% max with approved tints. Custom color tints matching are available.



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CRITERIA	INT. STANDARD	VALUE	UNIT
TVOC & VOC (including tint pigments)	2004/42/CE: Max. Value 130 g/l (2010), ISO 11890-2	57	g/l
Surface Retention Smog/Dirt	EN 10795	3	Very Low
Damp Abrasion Resistance (Gardner Cycles)	UNI 10560	≥ 5000	Excellent
Drying Time at Low Temperature	UNI 10793	Yes	-
Application Quality	UNI 10794	Excellent	-
pH Value	DIN 19266	8 - 8.5	-
Alkaline Resistance	UNI 10795	Yes	-
Specific Gravity (23°C)	EN ISO 2811-2	1.03	g/ml
Gloss Level	UNI EN ISO 2813	10	Opaque
Reaction to Fire	EN 13501-1:2002	A 1	Incombustible
Toxicity	EN 13501-1:2002	Non-Toxic	-
Scratch Resistance	DIN 68861/81 P4	4.0	N
Surface Hardness	DIN 68861	800	RA (Cycles)
Resistance to Chemical Agents	ONORM A 1605-15 (1B1)	Good	-
Child Toy and Furniture safe	EN 71	Yes	-
Heavy Metal Content Lead and Chrome	2002/95/CE	None	-
Vapor Absorption	UNI 927-4	35%	RMPA
Vapor Release	UNI 927-4	70%	DMP
Vapor Diffusion from Surface Permeability	UNI 927-5	> 140	g/m ²
Accelerated Aging Resistance	EN 927-3	Good	-
APEO (Alkyl Phenol Ethoxylates)	-	0%*	Low Content
PEG (Polyethylene Glycol)	-	0%*	Low Content
Formaldehyde	-	0%*	Low Content
PG (Propylene Glycol)	-	0%*	Low Content
Biocides	-	0%*	-

Does not contain chemicals that can aggravate or cause asthma, see NIH Asthma Report 2012.

*** This product contains no substances classified as hazardous to health or the environment pursuant to the provision of Directives 67/548 CEE and regulation (CE) 1272/2008 (CLP) and subsequent amendments.**



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ADDITIONAL INFORMATION

This Technical Sheet lists data collected on the basis of technique and experience. Given the multiplicity of use of the product they cannot be binding and the user cannot refrain from using common sense and experience for the individual case. This information shall not constitute any legal obligation and no obligation from the seller or point of purchase, or any agreements inferred by employees who sale this product. Insurance or guarantees issued by our employees or employees should always be confirmed separately in writing. Any information about product adaptability and use of the product, must be verified by user prior to purchase. Check the exact consumption of product for the surface where product may be applied to determine amount of products needed.

The color matching must be verified by the user before starting work.

MANUFACTURER

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