

1. PRODUCT INFORMATION

1.1 GENERAL	Multipurpose water based colorgel architectural finish coating.																																																												
1.2 PRODUCT IDENTIFICATION	VERNICE KOSMETICA																																																												
1.3 SUPPLIER	Vernice S.r.l. Via Maccaferri, 2/A; 40069 Zola Predosa (BO), Italia Call center: +39 051 002 2200 E-mail: ciao@vernice.it http://www.vernice.it																																																												
1.4 BRANDS & IP OWNER	Vernice S.r.l.																																																												
1.5 PRODUCT SPEC DESCRIPTION	Ready-to-use multisurface colorgel architectural coating technology fully formulated in water phase solution with recombined acrylic binders and silver ions. Providing long-lasting antibacterial, antiviral and antimould surface active functionality protecting people health and architectural environments. Minimal VOC, virtually odorless, superior washability, featuring a 10-gloss smooth opacity. VERNICE KOSmetica colorgel technology is certified: A+ according to the strict French standard 321/2011, and HACCP according to the UNI 11021-2002 standard (suitable for food use or production related environments).																																																												
1.6 INTENDED USE	Suitable for interiors and exteriors. Ideal for interior walls and ceilings – also for large surfaces. Treating wind-dry concrete, masonry, plaster and board plates, wood wool cement panels, wallpaper, wood and iron previously duly sealed and primed with Vernice Fissativo and VERNICE Primer , if necessary.																																																												
1.7 TECHNICAL FEATURES	<p>Data measured at 20°C, U.R. 65%</p> <table> <tr> <td>SPECIFIC WEIGHT</td> <td>1,19 ± 0,050 kg/lit</td> </tr> <tr> <td>BROOKFIELD VISCOSITY</td> <td>10000 ± 2000 cP at 20°</td> </tr> <tr> <td>PH</td> <td>ND</td> </tr> <tr> <td>SOLID CONTENT</td> <td>47 ± 2% weight</td> </tr> <tr> <td>APPLICATION</td> <td>Brush, Roller, Spray</td> </tr> <tr> <td>DILUTION</td> <td>Brush and roller ready to use Spray dil. with water 5-10%</td> </tr> <tr> <td>YIELD</td> <td>10-12 m²/l per coat depending on surface absorption.</td> </tr> <tr> <td>DRYING</td> <td>2- 3 h ta 20°C and 65% U.R.</td> </tr> <tr> <td>OVERCOATING</td> <td>6 h at 20°C and 65% U.R.</td> </tr> <tr> <td>EU LIMIT VALUE FOR CONTENT</td> <td>8Cat.A/a: 30 g/l (2010)</td> </tr> <tr> <td>COLOUR</td> <td>16 mln reproducible colors with RGB VERNICE system.</td> </tr> <tr> <td>STORAGE LIFE</td> <td>12 months</td> </tr> <tr> <td>CLEANING TOOLS</td> <td>Water</td> </tr> </table> <table> <tr> <td>Brilliance</td> <td>8.3 (at 60°)</td> </tr> <tr> <td>UNI EN ISO 2813</td> <td>(reflectance >10 with 85° geometry)</td> </tr> <tr> <td>Granulometry</td> <td>Fine</td> </tr> <tr> <td>EN 21524, ISO787-7</td> <td></td> </tr> <tr> <td>Wet scrub resistance</td> <td>(Ldft)=8.94 micron</td> </tr> <tr> <td>UNI EN ISO 11998</td> <td>Class 2</td> </tr> <tr> <td>Hiding power</td> <td>Opacity with yield of 10 m²/lt = 99.5%</td> </tr> <tr> <td>Contrast ratio</td> <td>Class 1</td> </tr> <tr> <td>UNI EN ISO 6504-3</td> <td></td> </tr> <tr> <td>Food suitability</td> <td>Suitable</td> </tr> <tr> <td>UNI 11021</td> <td></td> </tr> <tr> <td>Emissions to Air (TVOC)</td> <td>TVOC =491.90 µg/m³</td> </tr> <tr> <td>EN 16000-3-6-9 and Table D Annex I (Arreté 19/04/11, Journal Officiel De La Republique Francaise 13/05/11)</td> <td>Class A+</td> </tr> <tr> <td>Bacteria resistance</td> <td>E. Coli - Inhibition 99.98% (R>3.75)</td> </tr> <tr> <td>ISO 22196</td> <td>S. Aureus - Inhibition 99.99%(R>4.58)</td> </tr> <tr> <td>Filmability at various temperatures</td> <td>Positive outcome</td> </tr> <tr> <td>UNI 10793</td> <td>(filmability at T=5, 23, 40°C)</td> </tr> </table>	SPECIFIC WEIGHT	1,19 ± 0,050 kg/lit	BROOKFIELD VISCOSITY	10000 ± 2000 cP at 20°	PH	ND	SOLID CONTENT	47 ± 2% weight	APPLICATION	Brush, Roller, Spray	DILUTION	Brush and roller ready to use Spray dil. with water 5-10%	YIELD	10-12 m²/l per coat depending on surface absorption.	DRYING	2- 3 h ta 20°C and 65% U.R.	OVERCOATING	6 h at 20°C and 65% U.R.	EU LIMIT VALUE FOR CONTENT	8Cat.A/a: 30 g/l (2010)	COLOUR	16 mln reproducible colors with RGB VERNICE system.	STORAGE LIFE	12 months	CLEANING TOOLS	Water	Brilliance	8.3 (at 60°)	UNI EN ISO 2813	(reflectance >10 with 85° geometry)	Granulometry	Fine	EN 21524, ISO787-7		Wet scrub resistance	(Ldft)=8.94 micron	UNI EN ISO 11998	Class 2	Hiding power	Opacity with yield of 10 m²/lt = 99.5%	Contrast ratio	Class 1	UNI EN ISO 6504-3		Food suitability	Suitable	UNI 11021		Emissions to Air (TVOC)	TVOC =491.90 µg/m³	EN 16000-3-6-9 and Table D Annex I (Arreté 19/04/11, Journal Officiel De La Republique Francaise 13/05/11)	Class A+	Bacteria resistance	E. Coli - Inhibition 99.98% (R>3.75)	ISO 22196	S. Aureus - Inhibition 99.99%(R>4.58)	Filmability at various temperatures	Positive outcome	UNI 10793	(filmability at T=5, 23, 40°C)
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	<p>Washing resistance (brush) >10000 cycles UNI 10560 Positive outcome</p> <p>Degree of water vapor transmission (permeability) Sd= 0.0372 m UNI EN ISO 7783-2 Thickness = 113 µm LI= 329 Class V₁ (high permeability)</p> <p>Dirt grip ΔL= 0.24 UNI 10792 Very low</p> <p>Humidity resistance No degradation UNI EN ISO 6270-1 Positive outcome</p> <p>CBA (crack-bridging ability) Cracking = 37 micron UNI EN 1062-7 Class <A1</p> <p>Alkali resistance No degradation UNI 10795 Positive outcome</p> <p>Liquid resistance No change (see table in Test Report n DIN EN 68861-1, DIN EN 12720 054/L del 13.02.2023)</p>
1.8 PACKAGING	0,75 l - 2,5 l

2. APPLICATION

2.1 APPLICATION CONDITIONS	<p>Ensure that all surfaces are undamaged, clean, dry and free of dust, grease and dirt. Remove previous coats of old paint that are not well anchored to the substrate, and proceed with restoration, using Vernice Stucco Bianco. Apply a coat of Vernice Fixative, on wall surfaces in general, to consolidate any old poor quality, dusty and highly absorbent paintwork.</p> <p>On new wall and plasterboard it is necessary to apply a coat of Vernice Fissativo and two coats of Vernice Kosmetica.</p> <p>For new iron surfaces apply a preventive coat of water-based rust inhibitor, on new wood a coat of water-based wood primer.</p> <p>For more information, see the Vernice problem solving manual.</p>
2.2 PRELIMINARY STEPS	<p>It is recommended to use the All Cover Sheet and Masking Tape to cover furniture, floor, windows, doors and all those surfaces on which splashes or drops of product could fall.</p> <p>In order to obtain an even result, it is recommended to start the application of the paint, starting from one corner of the support and ending in the opposite corner, and not from the center.</p> <p>It will be necessary to start the work from the ceiling of the room to continue in the walls below, avoiding unintentional splashes on the walls.</p>
2.3 APPLICATION	<p>The product is ready to use.</p> <p>The surface to be treated must be homogeneous and uniform, free of stains and elements that generate discontinuity in the flatness of the substrate.</p> <p>To even out any uneven areas of coloring, it is recommended to apply a coat of Bianco Vernice.</p> <p>On surfaces already treated with highly saturated colors, it is recommended to apply a coat of Bianco Vernice to facilitate coverage of the chosen color.</p> <p>After filling the tray with product, begin the application with movements always from the bottom to the top of the wall to prevent dripping.</p>
2.4 APPLICATION METHODS	Help yourself by using a brush for profiling and for treating wall corners that are not easily reached with a roller.
2.5 APPLICATION PARAMETERS	Suitable temperature of use >10°C and <30°C.
2.6 AESTHETIC RESULT	The aesthetic result, resulting from the application of Vernice Kosmetica , depends on the surface and the type of tool used. Brushes and Sponge or shaved-haired rollers provide a particularly smooth finish. Medium- or long-haired rollers may give a slightly textured effect.
2.7 NOTES	All information in this document is indicative in nature and does not represent the totality of situations that might be affected in practice. If it becomes necessary to work on media not mentioned or further guidance is needed, please contact our Technical Service Department .

3. LIMITED WARRANTY

The effectiveness of our products and systems is based on practical experience and research conducted in our laboratories. We guarantee that the quality of work performed with our products, meets the suitability requirements set forth by VERNICE S.R.L., provided that all instructions given by us are properly followed and the work has been properly performed. In the event that the final result has been adversely affected by circumstances beyond our control, any and all liability is expressly excluded and disclaimed. The buyer is responsible for checking whether the delivered products are suitable for the intended use. We reserve the right to change the contents of this document, without prior notice. As soon as a new version of this data sheet becomes available, it will no longer be valid. Please contact our Customer Service for further information. We accept no liability for the performance of the products, resulting from their use beyond the value of the goods supplied by us. This clause does not affect your statutory rights.