

## V99 EXTRA MATT

### Technical and Environmental Sheet

**NAME:**

**V99 EXTRA MATT**

**TYPE:**

Zero-gloss decorative finish for interiors, stain-resistant, easy to clean, with low VOC and indoor emissions, antibacterial thanks to the presence of silver ions and able to degrade formaldehyde in the air.

**USE:**

V99 EXTRA MATT is a high-performance, extra-matt paint for interior surfaces, which is also ideal for doors, furniture and fittings. It is suitable for materials like laminate and melamine. Its exceptional resistance, washability, and water-repelling and antibacterial properties make it perfect for environments where food is handled, which are subject to wear and frequent cleaning pursuant to HACCP regulations (UNI 11021:2002)

**CHARACTERISTICS:**

**specific weight:** (ISO 2811-1) WHITE:  $1,370 \pm 30$  g/L at 20°C

NEUTRAL:  $1,350 \pm 30$  g/L at 20°C

**coverage:**

9-11 m<sup>2</sup>/L, two full coats (may vary depending on the roughness, porosity and absorption of the surface, and on the method of application)

**aesthetic effect:**

ultra matt, 0-5 sheen at 85°

**shades:**

white, neutral and folder colours, or NCS Index 2050 and RAL Classic K5.

**format:**

1 L / 4 L / 10 L

**surface-dry:**

2 hours at 20°C

**for painting over:**

4-6 hours at 20°C

**hard-dry:**

24 hours at 20°C

**DRYING TIMES:**

**CHARACTERISTICS AND RESISTANCE:**




Thanks to its formulation, V99 EXTRA MATT guarantees high coverage even with a low thickness. It also offers antibacterial, water-repelling and eco-sustainable properties, thanks to its low VOC and Class A+ rating for indoor emissions under standard ISO 16000-9. It meets the Minimum Environmental Criteria (M.E.C.) required in the procurement of services such as the design, construction, renovation and maintenance of public buildings.




The V99 is easy to work with, allows for simple, long-lasting maintenance procedures, and spreads well, making it particularly easy to apply and resulting in an even surface with no obvious traces. What's more, touch-ups can be made without producing visible marks, leaving behind an unblemished aesthetic appearance even after localised interventions.

V99 EXTRA MATT can remove free formaldehyde from the room, transforming it into a harmless substance. It combines traditional mould-prevention properties with the innovative technological power of silver ions, which inhibit the proliferation of bacteria to leave both surfaces and air sanitised and antiseptic. For this reason, V99 EXTRA MATT is ideal for use in schools, nurseries, hospitals, retirement homes, commercial venues like beauty centres and hairdressers, and public places in general. It has also achieved HACCP certification under standard UNI 11021:2002, and is suitable for use in environments where food is handled. A specific test has certified it for use in environments with humidity of greater than 80%.

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## CHARACTERISTICS AND RESISTANCE:

| PARAMETER                | STANDARD                | RESULT                                    | MARKING   |
|--------------------------|-------------------------|---|---|
| RESISTANCE TO WASHING    | UNI 10560<br>EN 13300   | >5000<br>SUPERWASHABLE<br>Class 1         | UNI 10560 - EN 13300<br><br><b>WASHABILITY</b>     |
| ANTIBACTERIAL ACTIVITY   | ISO 22196<br>JIS Z 2801 | EFFECTIVE<br>99% reduction in<br>bacteria | ISO 22196 - JIS Z 2801<br><br><b>ANTIBACTERIAL</b> |
| HIGH HUMIDITY RESISTANCE | EN ISO 6270-1           | PASS                                      | EN ISO 6270-1<br><br><b>HUMIDITY</b>               |

|  |                   |   |   |
|--|-------------------|---|---|
| RESISTANCE AGAINST PARTICULAR WASHING AGENTS | UNI EN ISO 2812-1 | RESISTS AGAINST:<br>CHLOROACTIVE,<br>ACID DESCALER,<br>ALKALINE DEGREASER | UNI EN ISO 2812-1<br><br><b>DISINFECTION</b> |
| DIRT ACCUMULATION                            | UNI 10792         | $\Delta L = 2$  | UNI 10792<br><br><b>NO DIRT</b>             |
| HACCP  | UNI 11021         | SUITABLE IN THE<br>PRESENCE OF<br>FOODSTUFFS                              | UNI 11021<br><br><b>HACCP</b>              |
| GLOSS  | EN ISO 2813       | 0-5 GU  |   |
| HIDING POWER                                 | UNI EN ISO 6504-3 | $\geq 99.5$ Class 1 with<br>coverage of 9-11 m <sup>2</sup> /L            |   |

## STAIN RESISTANCE TEST:

| SUBSTANCE                       | REMOVAL<br>WITHIN 5<br>MINUTES | REMOVAL WITHIN<br>1 HOUR | REMOVAL WITHIN<br>24 HOURS |
|---------------------------------|--------------------------------|--------------------------|----------------------------|
| Tea                             | Not Visible                    | Not Visible              | Not Visible                |
| Coffee <sup>2</sup>             | Not Visible                    | Not Visible              | Not Visible                |
| Fruit Juice                     | Not Visible                    | Not Visible              | Not Visible                |
| Olive Oil                       | Not Visible                    | Not Visible              | Not Visible                |
| Ketchup                         | Not Visible                    | Not Visible              | Not Visible                |
| Mayonnaise                      | Not Visible                    | Not Visible              | Not Visible                |
| Red Wine <sup>2</sup>           | Not Visible                    | Not Visible              | Not Visible                |
| Creamy Spreads                  | Not Visible                    | Not Visible              | Not Visible                |
| Children's Markers <sup>1</sup> | Not Visible                    | Not Visible              | Not Visible                |
| Coca Cola                       | Not Visible                    | Not Visible              | Not Visible                |
| Biro Pen <sup>3</sup>           | Not Visible                    | Not Visible              | Not Visible                |






<sup>1</sup> Some types of markers and colored drinks may not guarantee complete stain removal.

<sup>2</sup> Stains caused by coffee and red wine are particularly stubborn and difficult to remove. Prompt cleaning helps achieve better removal.

<sup>3</sup> Pen marks, if made with pressure, can damage the paint film, making their removal more difficult if not impossible.

**N.B:** For effective stain removal, the times indicated below must be respected. We recommend the use of soft sponges to make it easier to clean painted surfaces. Avoid using abrasive cloths or rags and detergents containing alcohol or solvents of any type. The product reaches its top performance in terms of resisting various substances only after the polymerisation process is complete. This takes 14 days at a temperature of 20 °C and a relative humidity of 65%.

## ENVIRONMENTAL PROPERTIES:

|   |                      |  |   |
|---|----------------------|--|---|
| INDOOR EMISSION OF POLLUTING SUBSTANCES | ISO 16000            | TVOC < 1 mg/m <sup>3</sup><br>Class A+       |   |
| FREEDOM FROM DANGEROUS SUBSTANCES       | -                    | FREE   |  |
| FORMALDEHYDE EMISSION RATE, X           | JIS A 1902-3         | X<0.005mg/m <sup>2</sup> h<br>F****          |  |
| VOC in the ready-for-use product        | Directive 2004/42/CE | max. 7 g/L<br>(EU limit 200 g/L)<br>Cat. A/I |  |
| MEC Minimum Environmental Criteria      | -                    | Compliant                                    |  |

## PREPARATION OF THE PRODUCT:

## PREPARATION OF THE SUPPORT SURFACE:

**dilution:** ready to use, dilute 5-10% with water if needed.

V99 EXTRA MATT can be applied to various surfaces such as concrete, plaster, gypsum, drywall, wood, and challenging surfaces like melamine, provided they are well-adhered, cleaned, and degreased. Application on iron requires thorough degreasing of the substrate and the use of a specific anti-rust treatment. Always assess the consistency of the surface to be painted by removing any deteriorated or dusty old coatings and anything that may cause detachment. Then, apply one coat of FISSATIVO ACRILICO 30 G diluted 1:5 with water. After 4-6 hours at 20°C, fill small holes, cracks, and fissures. To even out absorption, apply FISSATIVO ACRILICO 30 G diluted 1:5 with water again only over the patched areas and wait another 3-4 hours at 20°C before proceeding.

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**APPLICATION:**

**system:** brush - roller - sprayer

**number of coats:** 1 - 2

Apply V99 EXTRA MATT WHITE in the desired color. Wait at least 4-6 hours at 20°C between the first and second coat. **Application temperature:** between +10°C and +30°C.

**Storage:** in a tightly closed tin, even after use, at temperatures between +5°C and +30°C.

**Stability:** approx. 2 years in a properly sealed, never-opened container.

**NOTES:** Mix thoroughly before use. Tools must be washed immediately after use with soap and water.

**Technical Sheet No. SC 00328, issued by the Quality Control Manager:**

**Edition 1**

**December 2024**