

**ZERTIFIKAT ULTRA MATTE WASHABLE PAINT  
V8130M**

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**TEHNICAL DATA SHEET**

**Product description:**

<b>Description:</b>	V8130M Zertifikat is a white washable aqueous dispersion paint based on acrylic-styrene, pigments, fillers and special additives.
<b>Use:</b>	V8130M can be applied indoors to all types of masonry, plaster, concrete, mineral surfaces including ACC, gypsum board, plasterboard, etc. It forms a super white, matte finish film that has the ability to mask small substrate finish imperfections, allowing for small retouches to be made without them being noticeable.
<b>Main characteristic elements:</b>	<ul style="list-style-type: none"> <li>• washable product</li> <li>• ultra-matte and uniform finish</li> <li>• masks wall finishing imperfections</li> <li>• has a high degree of whiteness</li> <li>• allow the wall to breathe, as the film is permeable to water vapour</li> <li>• reduced drying time</li> <li>• can be colored with Köber tinting products</li> <li>• environmentally friendly</li> <li>• easy to apply</li> </ul>
<b>Shelf life in packaging:</b>	<b>48 months</b> from the date of manufacture, subject to compliance with packaging and storage conditions; depending on storage conditions, product should be mixed before use.
<b>Packaging:</b>	15L capacity plastic containers.
<b>Compatibility:</b>	V8130M product should not be mixed with products other than those recommended for tinting by the manufacturer.
<b>Storage:</b>	In closed, dry, covered, ventilated spaces, protected against weather and solar radiation, away from fire sources, at temperatures between 5 - 25°C.
<b>Shipping:</b>	The products are shipped by covered means of transport according to the regulations in force.

**TECHNICAL QUALITY CHARACTERISTICS**

**Table no.1**

Item No.	Characteristic value	MU	Characteristic value	Method of analysis
<b>a) Liquid product characteristics</b>				
1.	Appearance	-	viscous, thixotropic suspension	visual
2.	Colour	-	white	visual
3.	Non-volatile substance content, 1g/100cm <sup>2</sup> , 105°C, 1h	%	65 ± 1	SR EN ISO 3251:2019
4.	pH	-	8.5 - 9	internal method
5.	Density, 23 ° C	g/ml	1.60 ± 0.05	SR EN ISO 2811-1:2016
6.	Stormer viscosity , 25°C, Biuged Instrument, STM-IV	UK	125 - 140	ASTM D 562-10/2018

**Product technical data:**

7.	Contrast ratio, CR, min.	%	98	SR EN ISO 6504-3:2020
8.	Contrast ratio, CR, min. (min. 170µm wet, straight slot adhesion tester, e.g. Biuged)	%	98.5	SR EN ISO 6504-3:2020
<b>b) Film characteristics</b>				
1.	Appearance	-	ultra matte	visual
2.	Degree of white, Wi, 200µm	%	91	ISO 18314-3
3.	Gloss, -60° -85	GU	≤4 ≤5	SR EN ISO 2813:2015

**Method of application:**

- brushing/rolling
- air spraying
- airless spraying

**Application details:**

The product is diluted with clean cold water (15-25°C)

- brushing / rolling - first coat diluted approx. 10%; second coat (if necessary) - undiluted or diluted approx. 10%
- air spraying - apply 1-2 coats of the product diluted with cold water (15-25°C), depending on the working tools
- airless spraying - 1-2 coats of undiluted product

**Specific consumption:**

- approx. 12 - 16 m<sup>2</sup>/l/coat

Consumption depends on application conditions (surface geometry, application method, environmental conditions, nature and preparation of surface).

**Re-coating:**

- min. 60 minutes

**Drying time:**

Drying times depend on temperature and film thickness and are prolonged by decreasing temperature and increasing film thickness. Poor air circulation, excessive humidity and low oxygen content negatively influence the drying process and lead to deterioration of film characteristics.

## Preparation of the product for application

**Surface preparation:**

The application of the product on the surface should be done only after proper preparation, as this step has a determining influence on the quality of the coating and its durability.

**New surfaces**

- smooth by rubbing with pumice stone, sandstone, well-fired brick or with a piece of pine wood, in circular movements and keeping permanent contact with the surface of the plaster; for large areas, use electric sanding machines
- existing cracks are opened with a knife and repaired with cement paste, gypsum or other filling-leveling materials; for cracks with max. depths of 2 mm STUC C4000 is used; at greater thicknesses, apply several successive coats of STUC with intermediate sanding and dedusting
- plasters that are found to be unsuitable by hammering are removed completely, up to the masonry; if the area is small, it is repaired with quick setting cement paste; on large areas, grout of the same type as the existing plaster is used.
- the plaster coat is made of plaster paste or STUC C4000, the latter being particularly fine and white, with fast drying and excellent sanding properties after complete drying
- dust resulting from sanding surfaces is removed with brushes, brooms or blown out with compressed air
- larger sand particles, visible on the plaster surface, should be removed as they will detach over time together with the finish, by touching
- during the entire period of replaster or repair, the substrate temperature should be at least 5°C
- newly applied plaster should be allowed to dry min.24h before applying the finish coat

<b><u>Surfaces that have been painted before:</u></b>	<ul style="list-style-type: none"> <li>• check the condition of the plaster by hammering; on the portions that come off, replaster and repair the damaged edges</li> <li>• old, non-sticky paints are completely removed by scraping with a steel putty knife, burning with a gasoline lamp or using special chemical solutions</li> <li>• clay-based paints are completely removed;</li> <li>• areas affected by fungi or mold are impregnated and thoroughly cleaned with mold killing solution, after which they dry completely</li> <li>• possible repairs are made with cement paste or suitable sealing materials.</li> <li>• then remove the dust resulting from sanding after the repair.</li> </ul>
<b><u>Surface priming:</u></b>	<ul style="list-style-type: none"> <li>• the purpose of this step is to impregnate the surface and anchor the existing paint coat on the wall, if it is sufficiently resistant and has not been removed</li> <li>• priming provides uniform absorption on the substrate, so that the last coat of finish appears perfectly homogeneous and stain-free; the aim is to increase the adhesion between the applied product and the substrate</li> <li>• priming is mandatory and consists of applying at least one coat of G8101 masonry primer diluted 1:5 with clean cold water (15-25°C)</li> <li>• priming is done only after the cleaned, repaired or sealed surfaces have dried completely</li> <li>• newly plastered and repaired areas should be given additional priming due to the higher degree of absorption</li> <li>• once the primed surface has dried, you can apply the product</li> </ul>
<b><u>Application conditions:</u></b>	<ul style="list-style-type: none"> <li>• ambient temperature and surface: 10-30°C</li> <li>• relative humidity: max.70%</li> <li>• it is recommended to ventilate the workspace</li> </ul> <p><b>Application with unsuitable tools may result in inappropriate appearances and thicknesses compared to those specified in this technical data sheet.</b>  <b>NOTE: Failure to comply with these conditions may lead to defects or total damage to the protection.</b></p>
<b><u>Application instructions:</u></b>	<p>Condition the product at 10-30°C, homogenize well and apply on suitably prepared surface, as follows:</p> <ul style="list-style-type: none"> <li>• brushing / rolling - the first coat is applied diluted approx. 10% with clean cold water (15-25 ° C); after its complete drying (min. 60 minutes), apply the second coat (if necessary) undiluted or diluted approx. 10% with clean cold water (15-25°C);</li> <li>• air spraying - apply 1-2 coats of the product diluted with clean cold water (15-25°C), depending on the working tools</li> <li>• airless spraying - apply 1-2 coats of undiluted product.</li> </ul>
<b><u>Remarks:</u></b>	<p>Wash the application tools with water immediately after use. Do not use below + 5°C.</p>
<b><u>Security Data:</u></b>	<p>See the product safety data sheet.</p>
<b><u>Occupational safety:</u></b>	<p>As a water-thinnable product, it does not pose particular occupational safety problems. Avoid contact with skin, eyes and mucous membranes. In case of skin contact, wash with warm water and soap. In case of eye contact, wash thoroughly with water and then see a specialist.</p>
<b><u>Note:</u></b>	<p>All these data are of a general nature regarding the performance and use of the product, therefore we recommend testing the product under the conditions of the beneficiary's own application technology. For further clarification, please contact the manufacturer.</p>