

# ADLER Formel Ultramatt

40210

High-quality living room paint for DIY and professional use

## PRODUCT DESCRIPTION

### General

Pure white, breathable and water-based wall coating with high covering power for streak-free walls and topcoats indoors. The solvent-free and non-plasticized product has a high yield and is easy to process.

### Special Properties Test Standards



- Excellent covering power
- Optimised restoration capability
- Free from active fogging substances
- High level of diffusion in accordance with DIN EN 52615
- Easy processing
- **OENORM EN 13300**  
Wet abrasion resistance: Class 2  
Contrast ratio (Covering power): Class 1 (at 7 m<sup>2</sup>/l)  
Degree of gloss: dull matt  
Maximum grain size: fine (< 100 µm)
- **French ordinance DEVL1104875A** regarding the marking of construction coating products for their emission of volatile pollutants: A+
- Awarded the **Austrian Eco Label**

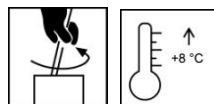
### Areas of application



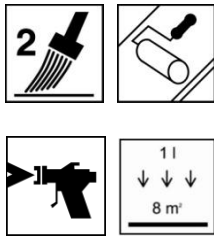
For all indoor wall and topcoats.  
It is particularly suitable for living rooms, bedrooms, children's rooms, offices, hospitals, medical treatment homes, schools, etc., which need to be covered up again quickly.  
In most cases, one coat suffices particularly for refurbishment on account of the high covering power.

## PROCESSING

### Instructions for application



- Please stir the product before use.
- Do not apply it at temperatures below + 8 °C and / or relative atmospheric humidity > 80 %.
- Apply the coat at one stroke to avoid wet-on-wet crusts.
- Signs of touch-up work on the surface depend on several factors and hence, cannot be avoided (BFS data sheet 25).
- Do not recoat permanently elastic joint masses and sealing weather strips (may lead to formation of cracks or fading of the coat)!
- Remove paint splashes with water immediately.

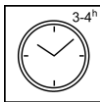
**Application technique**

Application method	Using a brush	Roller brush application	Airless pressurized (Airmix, Aircoat, etc.)
Spray nozzle (Ø mm)	-	-	0.53 – 0.63
Spray nozzle (Ø inch)			0.021 – 0.026
Nozzle angle (°)			50
Spraying pressure (bar)	-	-	150 – 180
Fine strainer			0.2 mm
Dilution (thinning)	-	-	Water
Thinner amount added in %	-	-	Maximum 10
Consumption ml/m <sup>2</sup>	approx. 125 – 150		
Yield per application (m <sup>2</sup> /l) <sup>1)</sup>	approx. 8	approx. 6	
<sup>1)</sup> Yield including addition of thinner and loss while spraying			

The shape and properties of the substrate affect the consumption / yield. Accurate values for consumption must be obtained by applying trial coats in advance.

**Drying times**

(at 23 °C and 50 % rel. humidity)



Can be recoated	after approx. 3 – 4 hours
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The figures indicated serve as a guide and are for reference. The drying time depends on the coat thickness, temperature, air exchange and relative atmospheric humidity.

Low temperatures and / or high atmospheric humidity delay the drying process.

**Cleaning the tools and equipment**

Clean them with soap water immediately after use.

Remove dried-up paint residues with ADLER Abbezier Rote Krähe 95125.

**SUBSTRATE****Type of substrate**

Mineral plasters, gypsum plaster, concrete, gypsum plaster boards and recoatable old coatings.

**Substrate property (or condition)**

The substrate must be dry, clean and free from any separating substances, and it must be checked to see whether it is suitable and capable of being recoated.

Please observe and follow ÖNORM B 2230 Part 2.

See also VOB, DIN 18363, Part C, paragraph 3; Painting and coating work.

Any coatings that cannot be recoated must be removed thoroughly.

**Preparation of the substrate**

- Touch up small cracks, holes or unevenness using a suitable wood filler.
- Thoroughly remove greasy or oily impurities using ADLER Entfetter (degreaser) 80394.
- No pre-treatment is necessary for clean, slightly absorbent and dry substrates that can be recoated.
- Treat fungal attack with ADLER SchimmelEx 96349

**Plasters of the mortar groups P II and P III**

Allow new plaster application to remain untreated for three to four weeks. Re-plastered patches must be set well and dried up and, if required, seal them with fluosilicate.

On coarsely porous and slightly sanding or absorbent surfaces, apply a primer coat with ADLER Tiefengrund WV diluted 1:1 with water.

**Gypsum and readymade plasters of the mortar groups P IV and P V**

Grind off any sintered coat remaining, and apply one primer coat using ADLER Tiefengrund WV 40905 diluted 1:1 with water.

**Gypsum plaster boards (GKP)**

Grind off wood filler burrs. Apply one primer coat of ADLER Tiefengrund WV 40905 diluted 1:1 with water.

**Concrete surfaces**

Mechanically clean the surfaces and remove deposits of dirt, separating agents and powder layers. On coarsely porous and slightly sanding or absorbent surfaces, apply a primer coat with ADLER Tiefengrund WV 40905 diluted 1:1 with water.

**Coats that can be recoated**

Work directly on matt and poorly absorbent coatings. On coarsely porous and slightly sanding or absorbent surfaces, apply a primer coat with ADLER Tiefengrund WV 40905 diluted 1:1 with water.

Glossy or smooth substrates (as paint or latex substrates, sinter layer) leach, roughen or grind.

**Avoid a glossy drying of ADLER Tiefengrund WV 40905!****Soft distempers**

Wash off thoroughly and apply a primer coat with ADLER Tiefengrund WV 40905 diluted 1:1 with water.

Please follow the respective technical data sheets of the products.

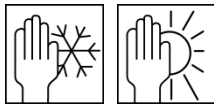
<b>COATING SYSTEM</b>	
<b>Primer coat</b>	See substrate preparation
<b>Intermediate coat</b>	If required, apply ADLER Formel Ultramatt 40210 diluted maximum with 10 % of water.
<b>Final coat</b>	ADLER Formel Ultramatt 40210 without thinning or diluted with max. 5 % water.

**NOTES ON ORDERING**

**Container sizes** 3 l; 9 l; 15 l

**Colour shades** Weiß (White) 40210

**Supplementary products** ADLER Abbeizer Rote Krähe 95125  
ADLER Tiefengrund WV 40905  
ADLER Entfetter 80394  
ADLER SchimmelEx 96349

**OTHER INSTRUCTIONS****Storage stability / Storage**

At least 1 year in the original sealed containers.

Store it such that it is protected against moisture, direct sunlight, frost and high temperatures (over 30°C).

**Technical Specifications**

VOC content EU limits for ADLER Formel Ultramatt (Cat. A/a): 30 gm./l (2010).  
ADLER Formel Ultramatt contains < 1 gm/l VOC.

**Product code for paints and varnishes**

M-DF01

**Safety-relevant information**

Please follow the associated safety data sheet! The latest version can be retrieved from the Internet at [www.adler-lacke.com](http://www.adler-lacke.com).

Recycle only those containers whose residues have been emptied out. You may dispose of liquid material residues as water-based paint and varnish waste and dried-up material residues as cured paints or as household garbage.