Pache SARL - 64 Route de Gravin, 74300 Magland
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Technical data sheet

ADLER
Paint runs through our veins.

ADLER Isocryl 40281

High-quality insulating and refurbishing paint for DIY and the industry

PRODUCT DESCRIPTION

General

Environment-friendly, water-based special paint for use indoor with excellent insulation effect for nicotine or soot-based contaminations and dry water spots in the interiors.

Special Properties
Test Standards

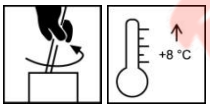
- Solvent-free and non-plasticized
- Very high covering power
- Having high yield
- Free from active fogging substances
- Easy processing
- **ÖNORM EN 13300**
  Wet abrasion resistance: Class 1
  Contrast ratio (Covering power): Class 2 (at 7 m²/l)
  Degree of gloss: dull matt
  Maximum grain size: fine (< 100 µm)

Areas of application

Walls in living rooms, kitchens, playschool remises etc. discoloured by spots of nicotine or water.

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.
- The insulation effect is reduced if the coat is applied prematurely!

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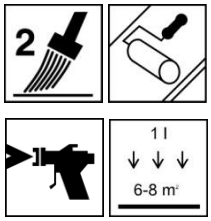
Our instructions for use are based on knowledge available currently and shall guide the purchaser / user to the best of one's knowledge, but, however, must be clarified for the areas of application and processing conditions on a case-to-case basis. The purchaser / user decides about the acceptance and use of the delivered product at his / her own risk, which is why we recommend that a sample piece be prepared to check the acceptability of the product. Our general terms and conditions of sale are otherwise applicable. All previous data sheets are rendered invalid with the issue of this one. Rights reserved for modification of the container sizes, colour shades and degree of gloss.

Application technique



Application method	Using a brush	Roller brush application	Airless Air-supported (Air mix, air coat, 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 5
Consumption ml/m²	Approx. 125 – 150		
Yield per application (m²/l)[1)]	Approx. 6 - 8		Approx. 6

[1)] 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

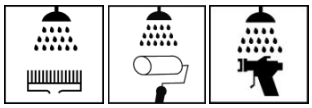
(at 23 °C and 50 % rel. humidity)

Can be recoated	after at least 12 hours

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.

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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. **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. **Soft distempers** Wash off thoroughly and apply a primer coat with ADLER Tiefengrund WV 40905 diluted 1:1 with water. Please observe and follow the data sheets of the respective products.

COATING SYSTEM

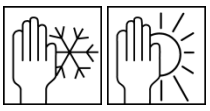
Primer coat	ADLER Isocryl 40281 without thinning or diluted with max. 5 % water. Nicotine spots break through with the first coat. The subsequent coat yields spotless and immaculate surfaces.
Final coat	**White colour shade:** ADLER Isocryl 40281 without thinning **Coloured coats:** 1 - 2 coats with ADLER Formel 2000 in the desired colour shade

NOTES ON ORDERING

Container sizes	750 ml, 3 l and 9 l
Colour shades	Weiß (White) 40281
Supplementary products	ADLER Abbeizer Rote Krähe 95125 ADLER Tiefengrund WV 40905 ADLER Entfetter 80394 ADLER Formel 2000 (Formula 2000)

OTHER INSTRUCTIONS

Storage stability / Storage	At least 3 years 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 Isocryl (Cat. A/a): 30 gm/l (2010). ADLER Isocryl contains < 1 gm/l VOC.
Product code for paints and varnishes	M-DF01	

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Safety-relevant information

Please follow the associated safety data sheet! The latest version can be retrieved from the Internet at **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.

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