

ADLER Iso-Extrem

54070

Solvent-based insulation paint for indoor use for DIY and professional use

PRODUCT DESCRIPTION

General

Solvent-based, odourless special interior matt paint having an excellent blocking / insulating effect in case of soot, nicotine and dried-up water marks. The product is highly opaque (only one coat required in most cases), very durable, permeable and low-stress, and is characterised by its ease of processing.

Special Properties Testing Standards

- Free from aromatic hydrocarbons
- Characteristics in accordance with **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



- Wall and ceiling surfaces indoors
- Removal of nicotine, soot or water marks
- It is not suitable for the refurbishment of premises having a high incidence of moisture and a high risk of fungus (e.g.: bakeries)!

PROCESSING

Instructions for application



- Please stir the product before use.
- Do not apply it at temperatures below + 5 °C and / or relative atmospheric humidity > 80 %.
- **If preliminary preparatory work has not been carried out or done improperly, ensure that test surfaces are available!**
- Apply the coat at one stroke to avoid wet-on-wet crusts.
- Do not recoat permanently elastic joints! There is the risk of crack formation and / or discoloration.
- Signs of touch-up work on the surface depend on several factors and hence, cannot be avoided (BFS data sheet 25).
- When applying with a roller brush, use a short-piled indoor roller brush (13 mm).

Application technique

Application method	Using a brush	Roller brush application	Airless
Spray nozzle (Ø mm)	-	-	0,017 - 0,028
Spraying pressure (bar)	-	-	180 - 250
Filter			60
Dilution (thinning)	Naturnah Reiniger (Cleaner close to nature) 80055:		
Thinner amount added in %	Max. 5%		Max. 10%
Consumption	Approx. 120 – 50 ml/m ²		
Yield per application (m ² /l) ¹⁾	Approx. 7 – 8 m ² /l		Approx. 6 m ² /l
¹⁾ Yield including addition of thinner and loss while spraying			

Use only those spray guns (Airless) that are explosion-proof.

The shape and properties of the substrate and wood moisture 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)



Dust-dry (ISO 1517)	approx. 2 – 3 hours
Tack-free	approx. 3 – 4 hours
Can be recoated	approx. 12 hours

The figures indicated serve as a guide and are for reference. The drying time depends on the type of wood, coat thickness, temperature, air exchange and relative atmospheric humidity.

Cleaning the tools and equipment

Clean with ADLER Legno-Reiniger 80025.

SUBSTRATE**Type of substrate**

Mineral substrates (plaster, concrete), gypsum plaster boards, rough-fibre as well as textured wallpaper, rigid foam sheets (Polystyrene, PS).

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 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

Wash off nicotine contamination as well as soot or grease marks using ADLER Entfetter 80394 and allow the substrate to dry well.

- Touch up small cracks, holes or unevenness using a suitable wood filler.
- No primer coat is required for permanent coats, well-adhesive wallpaper as well as visible sheets made of rigid polystyrene foam.
- Roughen up glossy surfaces and paint coatings.

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

Please refer to the respective data sheets of the products.

COATING SYSTEM

Primer coat 1 coat of ADLER Iso-Extrem 54070

Final coat 1 coat of ADLER Iso-Extrem 54070

NOTES ON ORDERING

Container sizes 3 l, 9 l

Colour shades / Degree of gloss Weiß (White) W10 54070
Other colour shades (limited colour shade range) can be obtained using the **ADLER colour blending system** (Color4you).

Color4You 

- In order to ensure uniformity of colour, use material having the same batch number on a given surface.

Supplementary products ADLER Legno-Reiniger 80025
ADLER Entfetter 80394

OTHER INSTRUCTIONS

Storage stability / Storage At least 3 years in the original sealed containers.

Technical Specifications VOC content EU limits for ADLER Iso-Extrem (Cat. A/g): 350 gm/l (2010). ADLER Iso-Extrem contains maximum 350 gm/l VOC.

Safety-relevant information Please follow the associated safety data sheet! The latest version can be retrieved from the Internet at www.adler-lacke.com.



Do not inhale the paint aerosol when spraying. This is ensured by proper use of a breathing mask (combination filter A2/P2 – EN 141/EN 143).

Ensure proper and adequate ventilation during and after application.