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

Paint runs through our veins.

Aviva Isolier-Weiß CT 4049

High-quality **insulation and renovation paint** for **DIY and trade**

PRODUCT DESCRIPTION

General

Water-based special interior paint formulated with a cationic dispersion. Very good insulating effect where there is staining from nicotine or soot or dried water marks in interior settings; gives very good coverage. Hard-wearing and washable.

Special properties and standards

- **ÖNORM EN 13300**
  Wet abrasion resistance: R Class 1
  Contrast ratio (covering power): H_{10} class 2 (for 7 m²/l)
  Gloss level: G4 dull matt
  Maximum grit size: S1 fine
- **French ordinance DEVL1104875A**
  Marking of construction coating products for their emission of volatile pollutants: A+

Application area

For all white wall and ceiling coatings throughout the interior.

Very good insulation effect on nicotine and soot contaminations and dry water stains for the interior with very good coverage.

PROCESSING

Processing instructions

- Please stir the product before use.
- The temperature of the product and object, and the room temperature must be at least + 5 °C.
- The optimal conditions for use are between 15-25 °C with a relative atmospheric humidity between 40-80 %.
- The product cannot be mixed with other water-based lacquers. After the application of Aviva Isolier-Weiß CT (4049), it is therefore necessary to rinse the tools well with water.
- To avoid crusts apply the coat at one stroke using the wet-on-wet method.
- Signs of touch-up work on the surface depend on several factors and hence, cannot be avoided (BFS data sheet 25).
- When reworking sealants, cracks and discoloration may occur in the coating material. Due to the large number of sealant systems, you should carry out your own tests in individual cases to assess adhesion and processing results.

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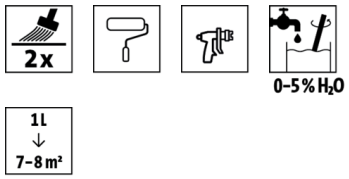
Our instructions are based on the current state of knowledge and are intended to advise the buyer/user to the best of our knowledge, but must be individually adapted to the areas of application and processing conditions. The buyer/user is responsible for deciding on the suitability and use of the supplied product, which is why we recommend that a sample be produced to check the suitability of the product. In all other respects, our General Terms and Conditions of Sale apply. All previous data sheets lose their validity with this edition. We reserve the right to make changes to container sizes, color shades and available gloss levels.

- Carefully cover and mask areas which are not to be coated.
- Remove paint splashes immediately with water.
- Reduced insulation effect if overcoated prematurely!
- Any change in the processing sequence, environmental conditions, non-observance of instructions or the use of products not listed may have an unfavourable effect on the result.

Application technique



	Airless	Brushing	Rolling
Spraying 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 (mm)	200	-	
Diluent	Water		
Diluent amount added (%)	0 - 5		
Applied quantity per application (ml/m²)	145	125 - 145	
Yield per application (m²/l)	7	7 - 8	

The stated yield includes spray loss.

The shape and surface condition of the workpiece as well as the type of application influence the actual consumption. Accurate values for consumption must be obtained by applying trial coats in advance.

Drying times

(at 23 °C and 50 % rel. humidity)

Subsequent coating	approx. 6 h

The figures given above are reference values. The drying time depends on the type of substrate, coat thickness, temperature, air exchange and relative atmospheric humidity. Lower temperatures and/or high level of atmospheric humidity can increase the drying time.

Cleaning the working equipment

With soap-water immediately after use.

To remove dried product residues we recommend using Abbeizer Express (8313).

SUBSTRATE

Type of substrate

For absorbent mineral supports such as plasters, concrete, screed, etc. as well as gypsum plaster boards and well-adherent old coatings.

Substrate property

The substrate must be dry, clean, capable of holding the paint, free from separating substances such as grease, wax, silicone, etc. and free from dust, as well as tested for suitability for coating.

Remove old coatings that cannot be recoated.

Please observe the additional documents:

- ÖNORM B 2230-2
- ÖNORM B 3430-1
- DIN 18363

Substrate preparation

Touch up small cracks, holes or unevenness using a suitable filler.

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Thoroughly remove greasy or oily impurities using Entfetter (7233).

No pre-treatment is necessary for clean, slightly absorbent, dry and recoatable substrates.

Treat mold infestation indoor with Aviva Schimmelex chlorfrei (8312) or Aviva Fungisan (8308).

Recoatable coatings:

Work directly on matt and slightly absorbent coatings. On coarsely porous, slightly sanding or absorbent surfaces, apply a primer coat using Aviva Tiefengrund WV (4074). Apply leaching agents, roughen up or sand off glossy or smooth substrates (such as painted and latex substrates, sintered layers).

Glue-bound distempers:

Wash off thoroughly and apply a primer coat using Aviva Tiefengrund WV (4074).

Avoid a glossy drying of Aviva Tiefengrund WV (4074).

COATING SYSTEM

Primer coat

See substrate preparation

Intermediate coat

1 x Aviva Isolier-Weiß CT (4049)

Nicotine stains shine through with the first coat. The subsequent coating produces perfect surfaces.

Finishing coat

Colour White:

1 x Aviva Isolier-Weiß CT (4049) unthinned

Coloured coats:

1 – 2 x Aviva Ultra-Color SD (4050) in the desired colour

ORDERING INFORMATION

Size of trading unit

3 l, 9 l

Colour shades / Glosslevels

Standard colour(s):
Weiß (4049103046)

In order to ensure uniformity of the colour shade, use only material with the same batch number on a given surface.

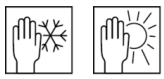
Supplementary products

Abbeizer Express (8313)
Aviva Fungisan (8308)
Aviva Tiefengrund WV (4074)
Aviva Schimmelex chlorfrei (8312)
Aviva Ultra-Color SD (4050)

Please refer to the corresponding technical data sheets of the products.

FURTHER DETAILS

Durability / storage



Min. 3 year(s) in the original sealed containers.

Make sure the product is protected against moisture, direct sunlight, frost and high temperatures (above 30 °C).

Close opened containers well and use up the content as soon as possible.

Technical specifications

VOC content of the ready-to-use mixture: Limit value according to Directive 2004/42/EC for Aviva Isolier-Weiß CT (Cat A/g): 30 g/l.
Aviva Isolier-Weiß CT contains a maximum of 20 g/l VOC.

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Giscode	BSW10
Declaration of ingredients according to VdL-RL 01	acrylic dispersions / inorganic white and coloured pigments / mineral agents / water / glycol ether / rheology additives / interface additives / wetting agent / in-can preservation agents Contains reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May cause allergic reactions. **Information for allergy sufferers under telephone no. +43 5242 6922-713.**
Safety information	The inhalation of paint aerosols during spray application must generally be avoided. This is ensured by the proper use of a respirator (combination filter A2/P2). Wear safety goggles if there is a risk of splashing. If the product comes into contact with your eyes, rinse immediately with water. Ensure good ventilation during application and drying. During work, do not eat, drink or smoke. Do not allow to enter drains, water courses or soil. Only dispose of empty containers for recycling, liquid material residues can be disposed of as water-based paint waste, dried material residues as hardened paint or as household waste. Further information on the subject of safety during transport, storage and handling as well as disposal can be found in the relevant safety data sheet. The current version can be accessed on the Internet at **www.adler-lacke.com.**

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