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Technical data sheet

Paint runs through our veins.

Aviva Formel-San 4075

Special interior paint with film protection against mould and fungal infestation for DIY and professional use

PRODUCT DESCRIPTION

General

Vapour-permeable, water-based emulsion interior wall paint with film protection for rooms at risk of mould, as well as for use in combination with Aviva Schimmelex chlorfrei 8312 or Aviva Fungisan 8308 for the remediation of mould-affected interior surfaces.

The highly economical and easy-to-apply product is odourless and formulated without the addition of solvents and plasticisers

Special properties and standards

- The coating is protected against blue stain and mould by a biocidal active substance.

  Active substance:
  2.0 g/kg (0.20 %) 3-Iod-2-propinylbutylcarbamat

- **ÖNORM EN 13300**
  Wet abrasion resistance: R-class 2
  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

Interior surfaces that are prone to mould in commercial wet room environments, for example in dairies, breweries, slaughterhouses, as well as to enhance room hygiene in kitchens, bathrooms and private living spaces.

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 %.
- 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).
- Do not paint over permanently elastic joint sealants or sealing profiles (may lead to cracking or discolouration of the paint)!

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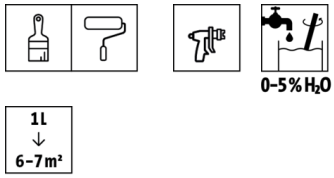
Our instructions are based on the current state of knowledge and are intended to advise the buyer/user to the best of our knowledge, but must be individually adapted to the areas of application and processing conditions. The buyer/user is responsible for deciding on the suitability and use of the supplied 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.

- Blend the brush-painted areas well and then roll the surface in one direction.
- Material with the same consistency and batch number as well as the same tools must be used for repairs to the surface.
- The color shade, compatibility and adhesion to the substrate must be checked by creating sample panels.
- 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.
- Carefully cover and mask areas which are not to be coated. Remove paint splashes immediately with water.
- 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 (µm)	200	-	
Diluent	Water		
Diluent amount added (%)	0 - 5		
Applied quantity per application (ml/m^2)	145 - 170		
Yield per application (m^2/l)	6 - 7		

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)

Recoatable	3 - 4 hour(s)

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 Clean Abbeizer-Express (8313).

SUBSTRATE

Type of substrate

For absorbent mineral substrates such as plaster, concrete, etc., and gypsum-based materials, as well as absorbent, firmly adhering 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.

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Please observe the additional documents:

- ÖNORM B 2230-2
- DIN 18363
- ÖNORM B 3430-1
- Current BFS information sheets

Substrate preparation

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

Thoroughly remove greasy or oily impurities using Clean Multi-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).

Long-lasting renovation results cannot be achieved without eliminating the causes!

Plasters in mortar groups P II and P III:

Allow new plaster application to remain untreated for 3 to 4 weeks. Re-plastered patches must be set well and dried up. If necessary, treat with fluosilicate.

On coarsely porous, slightly sanding or absorbent surfaces, apply a primer coat using Aviva Tiefengrund WV (4074).

Gypsum and ready made plasters in mortar groups P IV and P V:

Grind off any sintered coat remaining. On coarsely porous, slightly sanding or absorbent surfaces, apply a primer coat using Aviva Tiefengrund WV (4074).

Gypsum plaster boards (GKP):

Grind off wood filler burrs. Base coat with Aviva Tiefengrund WV (4074) diluted 1:1 with water.

Concrete surfaces:

If there are deposits of dirt, separating agents or chalky layers, the surface should be mechanically cleaned. On coarsely porous, slightly sanding or absorbent surfaces, apply a primer coat using Aviva Tiefengrund WV (4074).

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 Formel-San (4075) undiluted or diluted to a maximum of 5 wt./vol. % water.

Finishing coat

1 x Aviva Formel-San (4075)

For optimal effectiveness of the product, it is important to ensure sufficiently thick coats.

This is usually only achieved with two applications (quantity to be applied: at least 250 ml/m²).

ORDERING INFORMATION

Size of trading unit

0.75 l, 3 l, 9 l

Colour shades / Glosslevels

Color4You

Standard colour(s):
Weiß (4075050070)

Other colour shades can be obtained using the **ADLER colour mixing system Color4You.**

It is recommended to prepare a trial colour sample on the original substrate using the coating system selected in order to assess the final colour shade.

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

Due to the system, when using coloured mineral paints, care should be taken that they are processed quickly in order to prevent colour differences when the paintwork overlaps.

Please consume blended products within 12 months.

Please observe our **ARL 800- Working guideline for working (including care and maintenance) with ADLER Mix, PUR Mix and Color4You dosing machines.**

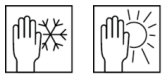
Supplementary products

Clean Abbeizer-Express (8313)
Aviva Fungisan (8308)
Aviva Schimmelex chlorfrei (8312)
Aviva Tiefengrund WV (4074)
Clean Multi-Entfetter (7233)

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

FURTHER DETAILS

Durability / storage



Min. 2 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: Limit value according to Directive 2004/42/EC for Aviva Formel-San (Cat. A/a): 30 g/l. Aviva Formel-San contains < 1 g/l VOC.

Giscode

BSW50

Declaration of ingredients according to VdL-RL 01

styrene acrylic dispersion / inorganic white and coloured pigments / mineral agents / water / rheology additives / in-can preservation agents / Film protectant

Safety information

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.**

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.

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).

Use biocides safely. Always read the label and the product information before use.

It is recommended to use safety gloves and safety glasses while processing.

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