

PUFAS Aqua-Reno rapid AR4

General product description:

Priming and finishing barrier coat.

Properties:

- fast-drying, solvent-free renovation paint
- high-performance barrier
- extremely fast-drying
- overcoatable after only 4 hours
- very good adhesion to substrate
- odourless
- non-yellowing
- suitable for renovating acoustic ceilings
- suitable for overcoating with emulsion paint/silicate emulsion paint and for wallpapering
- white
- water-thinnable
- plasticizer-free



Use: For indoor use only.

Areas of application: For overcoating wall and ceiling areas with nicotine, soot, pretreated grease stains and dried water stains that require sealing off. As barrier to wood constituents in OSB, MDF, particleboard or other wood-based panel products and to discolouring substances migrating from gypsum plasterboard. After full drying, surfaces treated with Aqua-Reno rapid can be overcoated with emulsion paint/silicate emulsion paint or papered over using low-water-content wallpaper paste, e.g. PUFAS Glassfibre and Non-Woven Wallpaper Adhesive GK or PUFAS Security Adhesive SK. Suitable for all mineral substrates (e.g. concrete, masonry or render), firmly adhering existing coatings and wallpaper, wood-based panel products and gypsum fibreboard. Suitable for renovating acoustic ceilings.

Technical data:

Constituents:	Polymer dispersion, mineral fillers, titanium dioxide, additives
Density:	1.45 g/cm ³
Max. particle size:	Fine
Wet-scrub resistance class:	2
Contrast ratio:	Class 1 for 7 m ² /ltr
Gloss level:	Dead matt to DIN EN 13300
Consumption:	Approx. 120 – 160 ml/m ² , depending on nature of substrate and application method. Exact consumption rate to be determined by trial application on site.

Note:

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Technical Information

Dilution:	Material supplied ready-for-use. Properties, barrier effect and technical values may differ from those stated if material is diluted with water.
Storage:	Store in cool, though frost-free environment in properly sealed containers
Standard colour:	White
Tinting:	Concentrated colorants (LW (light- and weather-resistant) oxides) max. 0.2 %
SD value:	0.025 m for single coat

Substrate condition:

Substrate shall be dry, clean, solid, strong, and free from laitance and adhesion-impairing or corrosive substances. Check any existing coatings and wallpaper to be overcoated for adequate strength. Fully remove any inadequately strong coatings along with any lining paper or wallpaper paste residue. Treat mould and any other microorganism infection with suitable products, e.g. PUFAS Mould Remover Spray, PUFAS Mould Remover – chlorine-free or PUFAS STOP Algae and Mould. Pre-clean any substrates that are heavily soiled with soot, nicotine, grease or similar substances, e.g. with Glutoclean Multi-Power Cleaner MKX or PUFAS Alkaline/Leaching Agent. Substrates shall be assessed and treated in accordance with VOB (German Construction Contract Procedures) Part C 18363, Sections 2 and 3. If substrate preparation necessitates priming, use suitable product from PUFAS range.

Application guidance:

Application method:	By roller, brush or spray
Compatibility:	Do not mix with other materials
Temperature:	Fabric and ambient temperature to be between + 5 °C and + 20 °C throughout application and drying process
Drying times:	Overcoatable after approx. 4 hours (at 20 °C and 65 % relative humidity). Lower temperatures or higher humidity may lengthen drying times.
Note:	Check for colour accuracy prior to application

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Technical Information

- Indoor air pollution:** Meets requirements under AgBB (German Committee for Health-Related Evaluation of Building Products) scheme (2015).
- Coating system:** No priming is required on strong substrates or existing coats. For assessment of situation, BFS (German Federal Committee for Paint and Protection of Material Assets) guidance papers 10, 20 and 26 shall be additionally observed. Apply coats in undiluted form.
- Application:** Stir material prior to application. During application, ensure that paint is spread uniformly over surface.
- Spray application:** Only airless spray equipment may be used that has been approved by equipment manufacturer for application of emulsion paints. Avoid mixing material with standard emulsion paints. Spray angle 40 – 50°, nozzle size 0.017-0.021 depending on equipment capacity. Static pressure approx. 190 bar, spraying pressure approx. 160 bar. To prevent excessive overspray, application with lower spraying pressures and subsequent working-over of coat while still wet with short- to medium-pile roller are recommended. Roller shall have maximum pile height of approx. 10 – max. 18 mm.
- Practical tips:** Where surfaces have been patched, repairs may to a greater or lesser extent show through. This is classed as unavoidable (see BFS guidance paper no. 25). If surfaces need touching up, then trial application at inconspicuous location is recommended. Any glancing light effects shall be officially clarified in advance.

Other guidance:

- Precautionary statements:** Keep out of reach of children. Ensure adequate ventilation during application and drying. Refrain from eating, drinking and smoking while using paint. Avoid contact with skin and eyes. In case of contact with skin or eyes, rinse immediately with plenty of water. Do not allow to enter drains, sewers, surface waters or ground. For spray application, wear suitable gloves and eye protection. Do not inhale spray mist. A-P2 and ABEK-P2 are suitable breathing apparatus types. Wash tools and equipment with water and soap immediately after use. Contains biocidal product (preservative): Contains chloromethylisothiazolinone/methylisothiazolinone (3:1). May cause an allergic reaction. Advice for isothiazolinone allergy sufferers is available on 0049 (0)800 / 1000703.

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Technical Information

GISCODE (German hazardous substances classification)

for coating materials: BSW20

Safety data sheet: Up-to-date safety data sheets are available from our website at www.pufas.de or from sds@pufas.de.

Directive 2004/42/EC (DecoPaint): EU VOC limit value for this product (Cat.: A/a, Wb) = 30 g/ltr (2010)
Max. VOC content of this product: 1 g/ltr

German Water Hazard

Class: WGK 1 (slightly hazardous to water)

Disposal: Hand over only fully emptied containers for recycling. Dried material residue may be disposed of as domestic or construction site waste. Dispose of liquid waste under EWC waste code: 08 01 12.

Container sizes:

019703000	4007954197035	5 ltr
019705000	4007954197042	12.5 ltr

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