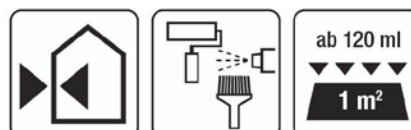


# PUFAS Housepaint Multi-pure-acrylate



## General product description:

Extremely adhesive pure-acrylate coating with matt finish for indoors and outdoors.

### Properties:

- very wide range of applications
- crack bridging tested by MFPA Leipzig (test report no. 5.4/24-005-1)
- highly elastic and expandable
- wet-scrub resistance class 1 to DIN EN 13300
- pure white with excellent covering power
- contrast ratio class 2 with a coverage of 6 m<sup>2</sup>/ltr
- gloss level: matt
- driving rain-resistant
- texture-preserving
- with highly effective long-term film protection against algae and green growth
- with special technology for encapsulation of active film protection ingredients – also making it suitable for indoors
- first-rate workability
- solvent- and plasticizer-free
- water vapour-permeable
- alkali-resistant

**Use:** Outdoors and indoors

**Areas of application:** Universal application to mineral plaster/render, concrete, masonry, fibre-cement board, non-dimensionally stable wood, uPVC, NF metals, engineering bricks, natural sandstone and existing paintwork. Ideal for renovation paint finishes to ETICS (external thermal insulation composite systems).

## Technical data:

Raw material base: Pure-acrylate dispersion, titanium dioxide, mineral components, additives

### Note:

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Active ingredients for film protection:	Octylisothiazolinone, terbutryn
pH value:	Approx. 8.5
Density:	Approx. 1.4 g/cm <sup>3</sup>
Colour:	White
Colour fastness:	Class A to BFS (German Federal Committee for Paint and Protection of Material Assets) guidance paper no. 26
Coat thickness:	50 – 100 µm (E <sub>2</sub> to DIN EN 1062)
Gloss level:	Matt (G <sub>3</sub> to DIN EN 1062)
Max. particle size:	Fine (S <sub>1</sub> to DIN EN 1062)
Water vapour permeability:	sd [m] < 1.4 (V <sub>2</sub> to DIN EN 1062)
Carbon dioxide permeability:	C <sub>1</sub> to DIN EN 1062 for 200 µm dry coat thickness
Crack bridging:	> 100 µm (A <sub>1</sub> to DIN EN 1062)
GISCODE (German hazardous substances classification) for coating materials:	BSW20
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.

### Substrate condition:

Substrate shall be dry, clean, solid, strong, and free from laitance and adhesion-impairing or corrosive substances. Maximum wood moisture content shall not exceed 15 %. Check any existing coatings to be over-coated for adequate strength. Fully remove any inadequately strong coatings. Treat green growth, mould and any other microorganism infection with suitable product (e.g. with PUFAS Algae and Mould STOP, PUFAS Mould Remover Spray CL or PUFAS Mould Remover – Chlorine-Free CF). Prime highly absorbent, friable and chalking substrates with PUFAS Hydrosol Primer Deep-Penetrating LF.

Start by pre-cleaning any substrates that are heavily soiled with soot, grease or similar substances, e.g. with Glutoclean Multi-Power Cleaner MKX or PUFAS Alkaline/Leaching Agent. Then seal off cleaned surfaces with PUFAS Aqua-Reno rapid AR4. Barrier coat with PUFAS Aqua-Reno rapid AR4 is also required for discoloration-prone substrates (e.g. certain timber species or facing masonry with iron oxide residue).

Difficult (e.g. coil-, powder- and PVC-coated) substrates require trial coating with cross-cut adhesion test.

Given wide variety of substrates and environmental factors, applicator is obliged to conduct a proper, workmanship-related assessment of nature of substrate and suitability of material under site conditions.

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### Application guidance:

Application method:	By roller, brush or suitable spray equipment
Application:	Stir prior to use. For undercoat, paint may be diluted with max. 10 % water. Apply finishing coat in undiluted form after undercoat has fully dried.
Tinting:	With max. 3 % Universal Concentrated Colorants suitable for specific application
Compatibility:	Do not mix with other materials.
Consumption:	For application by roller from 120 ml/m <sup>2</sup> on smooth substrates. For airless application from 140 – 160 ml/m <sup>2</sup> . Exact consumption rate to be determined by trial application on site.
Temperature:	Constant fabric and ambient temperature from min. +8 °C to max. +30 °C required throughout application and drying process. Do not apply in direct sunshine.
Drying time:	Overcoatable after approx. 4 hours (depending on nature of substrate, temperature and humidity). Unfavourable conditions may result in longer drying times. Rainproof after only 12 hours.

### Spray application:

Only airless spray equipment may be used that has been approved by equipment manufacturer for application of emulsion paints. To prevent excessive overspray, application with low spraying pressures and subsequent working-over of coat while still wet with short- to medium-pile roller are recommended (pile height approx. 10 to max. 18 mm).

Nozzle size:	0.017 – 0.021 inch
Spraying pressure:	100 – 120 bar
Spray angle:	40 – 50°

For further details, please contact relevant equipment manufacturer.

### Note:

Substrate assessment, substrate preparation and product application are subject to compliance with specifications of relevant technical codes of BFS (German Federal Committee for Paint and Protection of Material Assets) e.g. guidance paper no. 1, 9, 10, 13, 14, 18, 20, 22, 24, 25, 26.

VOB (German Construction Contract Procedures) Part C, DIN 18363, Section 3 shall be observed.

Specifications of technical information sheets for deployed products shall likewise be observed.

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### 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.

When coating visually continuous surfaces, ensure use of material from same batch.

### Other guidance:

Tools:	Clean tools with water immediately after use or where works are interrupted for a longer period.
Precautionary statements:	<p>For spray application, do not inhale spray mist. A-P2 and ABEK-P2 are suitable breathing apparatus types. If medical advice is needed, have product container or label at hand.</p> <p>For full labelling, please consult safety data sheet. Up-to-date safety data sheets are available from our website at <a href="http://www.pufas.de">www.pufas.de</a> or from <a href="mailto:sds@pufas.de">sds@pufas.de</a>.</p>
Storage:	Keep out of reach of children. Store in cool, though frost-free environment in properly sealed containers.
Disposal:	Do not allow to enter drains, sewers, surface waters or ground. 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:

	Item	EAN
5 ltr	107402000	4007954107423
12.5 ltr	107404000	4007951407430

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