

PUFAS Roof and Plinth Paint DS



General product description:

Flexible, solvent-free, one-component coating for durable weather protection.

Properties:

- lightfast and UV-resistant
- scrub-resistant
- solvent-free
- matt finish
- substrate texture retained

Use: For outdoors

Areas of application: Suitable for concrete, fibre cement*, clay roof tiles, render and masonry. Not suitable for water-repellent, glazed or engobe surface finishes, nor for areas without adequate falls for water drainage. A minimum roof pitch of 3 % is required. Prevent accumulation of standing water on coating.

* Not applicable for fibre-cement roofing and fibre-cement wall cladding containing asbestos as only approved specialist contractors are permitted to perform coating works to these substrates.

Note:

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Technical Information

Technical data:

Raw material base:	Polymer dispersion, mineral components, pigments, additives
pH value:	Approx. 8.5
Density:	1.4 g/cm ³
Wet-scrub resistance class:	2
Gloss level:	Matt
Tinting:	Roof and Plinth Paints can be mixed with each other and with white facade paints. When coating roofs, apply only as full-tone paint.
Dilution:	Material supplied ready-for-use. If necessary, undercoat may be diluted with approx. 5 % water. Properties and technical values may differ from those stated if material is diluted.
Consumption:	Approx. 150 ml/m ² per coat, depending on substrate and application method. Exact consumption rates are to be determined by trial application on site.
GISCODE (German hazardous substances classification) for coating materials:	BSW20
Directive 2004/42/EC (DecoPaint):	EU VOC limit value for this product (Cat.: A/c, Wb) = 40 g/ltr (2010). Max. VOC content of this product: 1 g/ltr.

Substrate condition:

Substrate shall be dry, clean, strong and free from adhesion-impairing substances (e.g. dust, grease). Fully remove any existing, inadequately strong coatings. Prior to application, thoroughly remove any existing growth with PUFAS Algae and Mould STOP. Clean all roof substrates down to pores with high-pressure water jet. Perform cleaning operations in direction of water drainage so as to prevent any infiltration of water and dirt particles below roof covering.

Pretreat highly absorbent or crumbling, friable substrates, clay roof tiles and fibre-cement board with PUFAS Hydrosol Primer Deep-Penetrating LF prior to coating. New unpainted render shall be allowed to fully dry for at least 4 weeks.

Use as roof paint:

Only apply paint after primer has fully dried (after 12 – 24 hours, depending on ambient temperature and humidity).

Use as plinth paint:

To ensure durability of coating, it is essential for plinth to be properly protected against damp from ground and from inside.

For factory-pretreated surfaces, trial application is required prior to coating in order to test adhesion.

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Kommentiert [DF1]: "Application Guidance" soll in den schwarzen Balken hinein, lässt sich aber nicht machen

Application method: By roller, brush or spray

Temperature: Constant minimum fabric and ambient temperature of + 8 °C required throughout application and drying process. Do not apply in strong sunshine, intense heat, fog or rain.

Drying time: Approx. 8 hours (at 20 °C, 65 % relative humidity and for moderately absorbent substrate). Higher humidities, lower temperatures or low substrate suction will lengthen drying time.

Application: Where several containers are used, ensure these are from same batch.

Application and coating system:

Stir paint prior to use and apply by roller, brush or airless spray equipment. For undercoat, paint may be diluted with approx. 5 % water. After first coat has dried, apply paint in undiluted form in one or two coats as required.

Spray application:

System	Nozzle size**	Spray angle**	Spraying pressure
Suitable airless spray equipment*	0.021 – 0.025 inch	40°	max. 160 bar

* e.g. Wagner FC 3500 or similar

** Select nozzle size and spray angle so as to achieve uniform spray pattern without edge zones. Details relating to nozzles are based on our tests, information and experience. However, these may vary depending on equipment type, manufacturer and state of maintenance.

Ensure use of appropriate personal protective equipment as specified in latest version of safety data sheet.

Note on colours 950, 955, 958, 959, 961, 962 and 963:

Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist. For spray application, use combi-filter A2/P2.

Practical tip: Persistent moisture on surface, e.g. due to fog, may have negative long-term impact on appearance of colour coating.

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Other guidance:

	Clean tools with water immediately after use or when works are interrupted for a longer period.
Precautionary statements:	Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with plenty of water. Up-to-date safety data sheets are available from our website at www.pufas.de or from sds@pufas.de .
Storage:	Keep out of reach of children. Store in cool, though frost-free environment in properly sealed containers.
Disposal:	Hand over only fully emptied containers for recycling. Do not allow to enter drains, sewers, surface waters or ground.

Container sizes:

2.5 ltr PE tub

7 colours: slate, peat, havanna, sandstone, stone grey, brick red, anthracite

5 ltr PE tub

11 colours: slate, peat, havanna, sandstone, stone grey, brick red, sandstone yellow, terra, basalt blue, concrete grey, anthracite

12.5 ltr PE tub

7 colours: slate, peat, havanna, sandstone, stone grey, brick red, anthracite

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