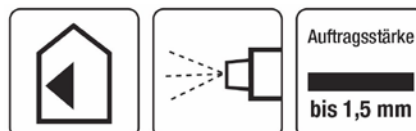


# PUFAS Rapid Filler RF1



## General product description:

White, spray-applied, water-based filler for walls and ceilings.

### Properties:

- ready-to-use wall filler for rational application with airless spray equipment
- for evening out indoor wall and ceiling surfaces
- good levelling for fine, smooth surface without need for resmoothing or time-consuming sanding
- for rational coating of large surfaces to achieve uniform appearance of a nonwoven covering
- perfect substrate for coatings and wall coverings
- application thickness up to 1.5 mm
- for surface qualities Q3-Q4 in dry construction
- ideal for sanding as required
- solvent-free
- fibre-reinforced
- low-stress
- fills hairline cracks
- CE-compliant to DIN EN 13963-2A

**Use:** Indoors

**Areas of application:** For all mineral substrates (e.g. plaster/render, concrete, aerated concrete, masonry), non-woven lining paper, existing emulsion, silicate or silicone resin paint finishes, gypsum plasterboard, gypsum fibreboard and other drylining board, provided these have been filler-coated to at least quality level Q2.

## Technical data:

Raw material base: Polymer dispersion, mineral components, fibres, additives

pH value: Approx. 9 g/cm<sup>3</sup>

### Note:

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## Technical Information

Density:	Approx. 1.5 g/cm <sup>3</sup>
sd value [m]:	< 0.14
Colour:	Natural white
Gloss level:	Dead matt
Max. particle size:	< 200 µm
CE conformity:	CE-compliant to DIN EN 13963-2A
Reaction to fire:	A2 - s1, d0 to EN 13501-1
GISCODE (German hazardous substances classification) for coating materials:	BSW20

### Substrate condition:

Substrate shall be dry, clean, solid, strong, and free from laitance and adhesion-impairing or corrosive substances. Check any existing coatings for adequate strength. Fully remove any inadequately strong coatings along with any lining paper or wallpaper adhesive residue. Treat mould and any other microorganism infection with suitable products. Pretreat highly absorbent, friable and chalking substrates and sanded surfaces with PUFAS Hydrosol Primer Deep-Penetrating LF. Fill any joints, junctions, chips and spalls with pufamur Super Bonding Filler SH 45 or pufamur Premium Filler S 60 easy. Prior to application, gypsum plasterboard and other drylining products shall be filler-coated to at least quality level Q2. Substrates shall be assessed and treated in accordance with VOB (German Construction Contract Procedures) Part C, DIN 18363, Sections 2 and 3.

Do not use Rapid Filler on purely lime-based substrates.

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.

### Application guidance:

Application method:	By suitable airless spray equipment
Application:	Stir prior to use. Start by spraying on thin filler coat. When this has dried to matt state, apply second spray coat without subsequent smoothing or striking-off of surface.
Consumption:	Approx. 1.5 kg/m <sup>2</sup> for 1 mm coat thickness. Exact consumption rate to be determined by trial application on site.
Compatibility:	Do not mix with other materials.
Temperature:	Constant minimum fabric and ambient temperature of + 10 °C required throughout application and drying process.

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**Drying time:** Drying time is approx. 4 – 8 hours at 20 °C room temperature and 65 % relative humidity, though depends on coat thickness and construction moisture. Unfavourable conditions, high coat thicknesses and non-absorbent substrates may result in longer drying times.

**Subsequent works:** Further treatment (sanding or priming) of coated surface is not normally required. Should surface nonetheless be sanded, use 240-grit or finer abrasive. Then treat sanded substrate with PUFAS Hydrosol Primer Deep-Penetrating LF (diluted 1:1 with water).

As final coat for perfect surface finish, use of high-grade, cloth-matt paints of wet-scrub resistance class 2 – e.g. PUFAS Rapid Finish RF2 – is recommended.

Should treated surface be overcoated with Latex Silk Gloss or Latex High Gloss, then pre-sand with 320-grit or finer abrasive and subsequently prime with PUFAS Hydrosol Primer Deep-Penetrating LF (diluted 1:1 with water).

### Spray application:

**Equipment type:** Airless spray equipment from 3 ltr/min

**Nozzle size:** Graco 525, Wagner 521

**Static pressure:** 150 – 180 bar

**Working pressure:** 160 – 170 bar

**Spray angle:** 50°

**Hose length:** Max. 15 m

**Filter:** Where filter is used, then filter size 60 mesh

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) guidance paper no. 1, 2, 8, 10, 11, 12, 13, 14, 17, 20.

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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### Other guidance:

Tools:	Clean tools with water immediately after use or where works are interrupted for a longer period.
Precautionary statements:	For spray application, use combi-filter A2/P2. If medical advice is needed, have product container or label at hand.  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> .
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. Dried material residue may be disposed of as domestic or construction site waste. Dispose of liquid waste under EWC waste code: 08 04 10.

### Container sizes:

	Item	EAN
22 kg	106004000	4007954060247

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