

# PUFAS Silicate Lightweight Filler SL4

## General product description:

Ready-to-use, silicate-based lightweight filler for interior walls and ceiling

## Properties

- ready-to-use, lightweight, mineral-based filler
- for mineral substrates and painted surfaces
- highly water vapour-permeable
- exhibits natural properties to protect against mould
- without preservatives
- solvent- and plasticizer-free
- application thickness up to 4 mm
- ideal for sanding



## Area of application

For smoothing larger areas and for spot filling. Suitable for embedding PUFAS universal painter's fleece and KOBAL microlith filling fleece. Not suitable for use in areas directly exposed to moisture.

## Substrates

- Mineral substrates (plaster, concrete, aerated concrete, calcium silicate boards, etc.)
- Mixed substrates
- Silicate and emulsion paint coatings

## Technical data:

Material basis: pure mineral fillers, potassium water glass, organic polymer dispersion

Gloss level: matt

Standard colour: natural white

pH value: < 11.5

CE CE-compliant according to DIN

EN 15824 Fire behaviour: A2-s1, d0 according to

DIN EN 13501-1 Adhesive strength:  $\geq 0.3$  MPa

according to DIN EN 15824

Water vapour permeability: V 1 according to DIN EN 15824

sd [m]: 0.03 at 1 mm application thickness

Application thickness: max. 4 mm

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As of: 11 February 2021

## Note

All information and data in this information sheet correspond to our practical experience and laboratory tests and are based on the current state of technology. However, they can only provide general information and do not constitute a guarantee of properties. As the conditions under which storage, transport and processing take place are beyond our control, no legal liability can be derived from this information. It is the responsibility of the user to check the products for their suitability for the intended use under the respective conditions.

Drying times:	The material hardens through physical drying – drying time depends on layer thickness, absorbency of the substrate, temperature and humidity.
Consumption:	approx. 1.4 kg / per m <sup>2</sup> / per mm layer
thickness Storage:	Well sealed and cool, but frost-free

### Substrate requirements:

The substrate must be solid, dry, clean, load-bearing and free of separating components and sintered layers or corrosion-promoting substances. Non-load-bearing coatings and any waste paper or paste residues must be thoroughly removed. Mould and other microbial growth must be treated with suitable products, e.g. *PUFAS Mould Spray* or *Chlorine-Free Mould Remover*. Substrates heavily contaminated with soot, nicotine, grease or similar substances must be pre-cleaned, e.g. with *Glutoclean Multi-Power Power Cleaner MKX* or *PUFAS Alkaline Cleaning and Degreasing Spray AZ*. Substrates must be assessed in accordance with VOB Part C 18363, paragraphs 2 and 3, and treated accordingly. If the substrate requires priming, a suitable product from the PUFAS range must be used.

Substrates must be completely dry. When applying filler to concrete, observe BFS data sheets no. 8 and no. 20; when working on aerated concrete, observe BFS data sheet no. 11. A full-surface filler fleece can be inserted to bridge cracks.

### Processing instructions:

Application method:	Can be applied by hand or with a powerful airless sprayer.
Processing:	Stir the material well before processing.
Compatibility:	Do not mix with other materials.
Temperature	For the duration of processing and drying, the object and ambient temperature must be at least +5 °C.
Cleaning of working tools:	immediately after use with water
Spray application:	Only airless equipment approved by the equipment manufacturer for the application of sprayable fillers may be used.  Standby pressure 215 bar, working pressure: 160-180 bar, nozzle size: 031-041, hose length: max. 15 m.

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**Other information:**

For multi-layer fillers, the previous layer must be completely dry before applying another layer.

If necessary, the filled surface can be sanded very easily after drying. Treat the sanded surfaces with *PUFAS Silicate Fixative SF*.

Before wallpapering, follow BFS data sheet no. 16. For tricky surfaces, do a test patch first.

**Safety instructions:**

Keep out of reach of children. Ensure adequate ventilation during application and drying. Avoid eating, drinking and smoking during application. Avoid contact with eyes and skin. In case of contact with skin or eyes, rinse immediately with water. Do not allow to enter drains, water or soil.

Please refer to the safety data sheet for safety-related information. Current safety data sheets are available on our website [www.pufas.de](http://www.pufas.de) or at [sds@pufas.de](mailto:sds@pufas.de)

Water hazard class:  
class:

WGK 1 (slightly hazardous to water)

Disposal:

Only recycle containers that are completely empty. Dried material residues can be disposed of with household waste or as construction site waste. Dispose of liquid residues in accordance with waste code no. 08 04 10.

**Item number**  
031904000

**EAN**  
4007954319048

**Container size**  
20 kg

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