



## TECHNICAL DATA SHEET

# KEIM LS-PRO

## 1. PRODUKT DESCRIPTION

KEIM LS-Pro is a ready-to-use, mineral, lightweight filler, particularly for full surface application onto wall and ceiling surfaces. KEIM LS-Pro is optimised for airless spray application.

## 2. FIELD OF APPLICATION

KEIM LS-Pro can be used on all common interior substrates. High-quality surfaces (Q3/Q4) can be covered in much less time than compared with normal manual fillers.

## 3. PRODUCT PROPERTIES

- Ready-to-use
- Easy and quick application
- For various substrates
- Optimised consistence
- Fast drying
- Easy to sand
- Weight savings thanks to "lightweight formulation"
- Particularly high filling capacity
- Recommended acc. to the principles of building biology (Institute for Building Biology Rosenheim IBR)

### Material characteristics:

- Specific weight: approx. 1.1 - 1.2 g/cm<sup>3</sup>
- Layer thickness: up to max. 3 mm in a single work process
- $s_d$ -value:  $\leq 0.015$  m
- Organic content:  $< 3.0\%$

### Colour shade

White

## 4. APPLICATION INSTRUCTIONS

### Substrate preparation

Substrates must be dry, clean and free of oil, grease, dust and any other surface contaminants. Concrete and plaster substrates have to be completely dried and hardened. Material residues need to be removed. Blowholes and surface irregularities have to be filled before. Shiny surfaces need an adhesion primer before coating.

### Application

Material in buckets needs to be stirred well before application. For best results it is recommended to use a professional spray equipment.

Please refer to Technical Data Sheet "Airless Technique" for information about the appropriate nozzle size.

Note: Hose  $\varnothing$  has to be 3/8 or 1/2 inch.

Nozzle sizes can vary depending on the temperature. It is recommended to perform a test before. Gun and device filters have to be removed! While spraying the distance to the surface should be approx. 30 cm. Hold the spraygun vertically to the surface and move it evenly and parallel during application. First spray horizontally and then cross-wise.

KEIM LS-Pro has to dry completely after application. If necessary, the material can be sanded with a fine sand paper, e.g. P200.

Before coating with a KEIM interior paint a priming coat with KEIM Soliprim is recommended. Filled and not yet coated surfaces only have limited durability, from there, they should be always finished with a KEIM interior paint (e.g. KEIM Innotop).

### Application conditions:

Ambient and substrate temperature should be  $\geq +10^\circ\text{C}$ .

### Drying time:

KEIM LS-Pro is usually recoatable after 24 hours at  $23^\circ\text{C}$  and 50% relative atmospheric humidity. Lower temperatures and/or higher relative humidity extend the drying.

### Consumption:

Approx. 1 l per m<sup>2</sup> and 1 mm layer thickness. This is a reference value. Exact consumption values depend on the substrate condition and method of application and can only be determined by applying test areas on the structure to be coated.

### Cleaning of tools:

With water



### 5. PACKAGING

PE-bag or bucket, each with 15 litres capacity.  
(PE-bags only per pallet: 30 x 15 litres).

### 6. STORAGE

Shelf life is approx. 12 months in the original sealed packaging under cool, frost-free conditions. Protect from heat and direct sun.

### 7. DISPOSAL

EC Waste Code No. 08 02 99

Any residues must be emptied out of containers before recycling.

### 8. SAFETY INSTRUCTIONS

Giscode: BSW20

Provide appropriate protection for surfaces which are not to be coated (e.g. glass, natural stone, ceramics etc.). Any splashes on surrounding surfaces or traffic areas must be rinsed off immediately with plenty of water. Protect the eyes and skin from splashes. Do not eat, drink or smoke during application. Keep out of reach of children.

Please refer to EC Safety Data Sheet.

The stated values and properties are the result of extensive development work and practical experience. Our recommendations for application, whether given verbally or in writing, are intended to provide assistance in the selection of our products and do not establish a contractual relationship. In particular, they do not release those purchasing and applying our products from the duty of establishing for themselves, with due care, the suitability of our products for the intended application. Standard building industry practices must be complied with. We retain the right to make modifications to improve the products or their application. This edition supersedes all earlier editions.



**KEIMFARBEN GMBH**

Keimstraße 16 / 86420 Diedorf / Tel. +49 (0)821 4802-0 / Fax +49 (0)821 4802-210  
Frederik-Ipsen-Straße 6 / 15926 Luckau / Tel. +49 (0)35456 676-0 / Fax +49 (0)35456 676-38  
[www.keim.com/info@keimfarben.de](http://www.keim.com/info@keimfarben.de)