

## main properties

- High adhesion;
- Quick and easy application;
- Smooth, decorative surface;
- Ready to use - no mixing or water on site required;
- The high degree of whiteness.

## product description and areas of application

Ready-to-use plaster for machine application of wall and ceiling surfaces inside buildings. Terrix® PL-HB-S is especially recommended as an alternative for skim coats and traditional internal plasters. Thanks to its white colour and smooth surface, it allows reducing the quantity of paint needed to achieve a full decorative effect. The product has a form of the easy-to-apply compound, which after hardening, is very easy to sand. Terrix® PL-HB-S can be applied on all types of mineral substrates such as concrete, cement renders, cement-lime renders, and lime renders, as well as skim coats and drywall. Terrix® PL-HB-S offers very high adhesion to a substrate. It is suitable for low-absorbent substrates (e.g. Sinit Ladura). Before application, contact Terrix® technical support or your distributor to check the product's compatibility with different substrates.

## technical data

**Base binder:** organic adhesive;  
**Colour:** white;  
**Maximum thickness of one layer:** up to 2 mm;  
**Average coverage:** approx. 1kg/m<sup>2</sup>;  
**Temperature of application (air and substrate):** from +5°C to +25°C;  
**Relative humidity:** ≤ 70%\*;  
**Adhesion/cohesion (drywall):** ≥0.3 [N/mm<sup>2</sup>];  
**Concrete substrate adhesion:** ≤0.7 MPa;  
**Reaction to fire:** A2 -s1,d0;  
**Resistance to cracking:** no cracks within the zone up to 50 mm from the thin wedge end;  
**Packaging:** single-use plastic packaging of 25 kg;  
**Storage:** the product should be stored in its sealed packaging in a cool but frost-protected room;  
**Shelf life:** 12-month shelf life from date of production (production date and batch no. printed on the side of the packaging).

**CAUTION:** Keep the product out of reach of children.

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Since the use and processing of the product is not under our direct influence, we are not liable for damages caused by its misuse. We reserve the right to make changes as a result of technical progress.

## application

### Substrate preparation:

Apply to a sound, clean substrate (without cracks and delaminations), degreased, even dry, and biological or chemical efflorescence free). The substrate should be free of algae/fungi growth.

In case of microbial contamination, the substrate should be cleaned with a power washer. Subsequently, a biocide solution for removing microbial contamination is to be applied as per the product manual. Any loose layers not bound to the substrate (such as loose plasters or flaked paint coats) should be removed. Wash and degrease old and dirty substrate with water and a cleaning agent. Existing holes, unevennesses and cracks should be filled according to the best construction practices. Substrates covered with well-set dispersion coating should be sanded and dedusted before the product application.

### Priming:

Before plaster application, absorbent substrates should be primed with Terrix® PR-UA.

### Product preparation:

Product intended for direct use – do not dilute. Before application, the product should be thoroughly mixed.

### Application method:

During the application and drying of the levelling compound, the air and substrate temperature must be between +5°C to +25°C.

The filler is applied to the substrate in a thin, even layer of 1 to 3 mm thickness using a mechanical spray gun (airless method).

When spraying the material, the gun should be perpendicular to the substrate at approximately 1.0 + 1.2 m (T-Max GRACO) or 0.5 + 0.6 m (V GRACO brand).

In case of larger irregularities, the filler must be applied in several layers until the previous layer has hardened. After drying, the surface can be lightly sanded.

Manufacturer	Device	Filter	Pressure	Nozzle
WAGNER	HC 940 ESSP	n/a	230	0,025 inch
SPEEFLO	SPEEFLO PT 69000 XLT DI	n/a	230	0,025 inch
GRACO	T-max 506	18	50	651
	Mark V	n/a	230	651

### Sanding:

Use orbital sanders with an extractor. Recommended sandpaper- 180-220. Small areas can be hand sanded.

### Drying:

A product layer with a thickness of 1 mm applied to the substrate is suitable for further processing after approximately 12 hours (when dried at +20°C and relative humidity of 55%). The absorption of the substrate and air circulation in the room significantly impact the product's drying time.

### \*Usage conditions:

The product can be used or applied in higher humidity levels; however, ensuring that it is not exposed to high humidity or condensation for repeated or prolonged periods to maintain its optimal strength and adhesion is crucial.

When applied in temperatures between 5-10°C, the product's drying time may be extended, and its performance can be influenced by factors such as humidity and ventilation.

Consider these environmental conditions during application and drying to achieve the best results.