TERRIX®
next generation of building products

TERRIX® plasters

# Terrix® PL-SX-S
spray plaster


## main properties

- Chemical bonding - the product is permanently connected to the substrate - no risk of cracking or flaking;
- Ready to use - no mixing or water on site required;
- Vapour permeable;
- Up to 500m2/man/day;
- One coat application;
- No minimum thickness is required;
- Compatible with all dispersion paints;
- Compatible with most plasterboards on the market*;
- Easy for snagging;
- Silk consistency;
- Very clean application process;
- Very high finish quality vs tape&joint and skimming;
- Easy to apply;
- Start/stop application possible.

* for substrates not compatible with the product, contact technical support to get advice on other Terrix® spray-plaster products: PL-HB-S - high bond spray plaster for difficult substrates or PL-FS-S fast-set spray plaster.

## product description and areas of application

Terrix® PL-SX-S is a ready-to-use plaster coat for machine-levelling interior walls and ceilings. For final levelling and smoothening of surfaces before painting. Its white colour and smooth surface allow for a reduction in the number of coats necessary to obtain a full decorative effect. When set and hardened, very easy to sand.
Suitable for all typical mineral surfaces (such as concrete, cement, limestone, lime and gypsum plasters and plasterboards). Due to its chemical formulation, the product dries even when higher relative humidity levels occur.

## technical data

**Base binder:** organic adhesive;
**Colour:** white, can be tinted;
**Maximum thickness of one layer:** up to 2 mm;
**Average coverage:** approx.1kg/m² (applied on plasterboard);
**Temperature of application (air and substrate):** from +5°C to +25°C;
**Maximum relative humidity:** ≤70%*;
**Adhesion/cohesion (drywall):** >0.25 [N/mm²];
**Concrete substrate adhesion:** ≥0.3 MPa;
**Resistance to cracking:** no cracks within the zone up to 50 mm from the thin wedge end;
**Reaction to fire**: class A1;
**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.**

## 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.

**Note:** if the product is applied on newly completed mineral substrates (i.e. cement-lime renders, cement-renders and concrete substrates) – min. a 2-week curing period is required.

### Priming:

Absorbent substrates should be primed with Terrix® PR-UA before spray plaster application.

### Product preparation:

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

### Application method:

Apply a thin, uniform product layer on the substrate at a thickness from film to 2 mm using a spraying machine (airless method). In order to do it, special tools intended for applying spray plasters should be used (e.g. T-MAX by GRACO ), as well as suitable powerful devices for paint application (e.g. MARK V by GRACO or SPEEFLO PT6900 XLT DI by WAGNER). While spraying, the gun should be directed perpendicularly towards the substrate at a distance of ca. 1.0÷1.2 m (T-Max GRACO) and ca. 0.5÷0.6 m (Mark V GRACO)
If more significant unevenness is present, the material should be applied in a few layers after the previous layer hardens. After the surface dries, it may be sanded.

To be applied on days with temperatures (air and substrate) between 5-25°C. All tools are to be cleaned with water after finishing work.

### Sanding:

Use orbital sanders with an extractor. Recommended sandpaper- 180-220.

### Drying:

The product applied on the substrate can be subject to further processing after approx. 12 hours (20°C, 55% RH). Substrate water absorption, coat thickness and air circulation in the room may significantly affect the drying time of the product.

### *Usage conditions:

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

*300-2-1/23-3.0-TDS-EN*


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