

# ElaProof+SAND Floor covering instructions for use

ElaProof + SAND Floor Covering is M1 approved. It is suitable for indoor and outdoor use e.g. terraces, stairs, balconies and bathrooms.

In the product, the ElaProof coating and the sand are in a ready-to-use mixture. There are three sand sizes to choose from: fine, medium rough and rough.

## Preliminary work before coating

The product is suitable for indoor and outdoor use on most floor surfaces. The floor surface can be e.g. chipboard, gypsum board, concrete, ceramic tile, plastic carpet, epoxy, acrylic and polyurethane.

Before starting the coating work, familiarize yourself with the preliminary work required for the surface material of your site. Please, download the ElaProof Coating Method for Flooring at:

[www.elaproof.com](http://www.elaproof.com)

## Coating:

Mix ElaProof+SAND Floor Coating before use. Use a whisk in the mixer that does not take air into the sealant when mixing. ElaProof+SAND Floor covering is applied to the substrate with a steel trowel in two separate applications. The consumption of each application must be at least approx. 2.0 kg/m<sup>2</sup>, in which case the total consumption is at least 4.0 kg/m<sup>2</sup>. The final dry film thickness must be min. 2.0 mm. The drying time between layers is highly dependent on the conditions at the installation site. Under conditions of about +20°C, 50% RH, application can be performed about 5 hours after the first application. Lower temperatures and higher humidity significantly extend the drying time. The ElaProof + SAND floor covering, applied twice, can be applied after approx. 12 h at + 20°C, 50% RH.

**NOTE!** If necessary, the product can be diluted 1 to 2 percent by weight (2 to 4 dl for a 20 kg container). If you dilute the product, start with a small amount of water and add more if necessary.

## Varnishing:

The dried ElaProof+SAND coating is treated with clear ElaProof TopCoat or coloured ElaProof TopCoat RAL topcoats to facilitate cleaning and maintenance. For monochromatic floors, we recommend topcoating with ElaProof TopCoat RAL topcoat to compensate for any color differences in the ElaProof+SAND coating. Mix the topcoat according to the instructions on the package.

Apply the top coat to the dried ElaProof+SAND coating with a short-pile roller (6-7 mm) by cross-rolling. The consumption of the topcoat is approx. 110-200 g /m<sup>2</sup>/ application, depending on the degree of roughness of the selected ElaProof+SAND coating. The topcoat is walking dry after approx. 16 h at +20°C, 50% RH. The full duration of mechanical stress is achieved under the above conditions in about 4 days and the full chemical duration in about 7 days.



## Note:

Some shades of ElaProof TopCoat RAL topcoats may require 2-3 coats to achieve sufficient coverage! See a separate table for the opacity of ElaProof TopCoat RAL topcoats.

## Storage:

MUST NOT FREEZE BEFORE USE. The substance will keep unopened in a cool place away from sunlight for at least 12 months.

## Structural drawings

All structural drawings related to ElaProof products in DWG and PDF format from the [ProdLib-service](#).

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All the information presented above is based on research results, our current knowledge and experience. They do not remove the responsibility of the user of the product to carry out his own tests and experiments, so that all factors and conditions that may affect the installation and use of the products should be considered. No guarantees regarding the properties or suitability of the product for specific purposes can be given based on this information. All descriptions, drawings, photos, information, proportions, portion sizes, weights, etc. are indicative. We are not responsible if the product is used contrary to the instructions presented here. It is the responsibility of the user of the product to test the suitability of the product for the purpose of use. We are only responsible for the quality of the product and guarantee that it will pass our critical quality control. Product information is updated regularly, however, it is the user's responsibility to obtain the latest valid product information, which can be found at [www.elaproof.com](http://www.elaproof.com). We reserve the right to make changes. © Build Care Oy