

Technical data sheet

TM TG 110_en - Version 1.7
Revision: 12.08.2020



Maleki-TG 110

Primer

Item-No.: 1110

Solvent-free deep penetrating primer to reduce the absorbency of mineral substrates.



Technical data

Basis	aqueous dispersion	Density	approx. 1 kg/L
pH-value	8 – 9	Color	milky white
Processing temperature	min. +5 °C max. +35 °C	Drying time	approx. 2 h at 20°C / 50% RH*
Organic solvents	none	Consumption	0.15 - 0.25 kg per m ² in 2 applications (wet on wet)

* = higher temperatures shorten, lower temperatures extend the time specified

Properties

- environmentally friendly
- VOC – and APEO-free
- water vapor permeable
- increases the strength of porous substrates
- reduces the capillary absorbency of the substrate
- improves the adhesion on the substrate
- dust-binding
- prevents bubble formation in subsequent coatings

Range of usage

- for indoor and outdoor use
- for the subsequent processing of industrial floor coatings (Maleki-IFS product line), self-leveling compounds (Maleki-BV 310), mineral adhesives and fillers
- as an impervious layer for subsequent thin film coverings on absorbent and mineral substrates.
- temporary brake drying on fresh concrete
- temporary impregnation
- as a wallpaper underground.

Preparation of substrate

Prior to coating, ensure that the surface is stable and has sufficient surface tensile strength. The surface should also be ready for coating, dry or matt damp, clean and free from all kinds of debris. Depending on the desired layer structure, mechanical surface preparation e.g. shot-blasting is recommended. Due to roughening the surface, the adhesion for the subsequent layer can be improved. The concrete surface should be dry before application of the primer. The application of the primer has to be done at least 2 hours before the subsequent coating. The coating work on the primer with Maleki-BV or IFS-products has to be finished within 6 hours.

Application

Apply Maleki-TG 110 twice. Thereby the tools which shall be used must be adapted to the respective application. For applications on big floor areas the flooding procedure is

recommended for fast and effective priming of the substrate. Therefore, Maleki-TG 110 is poured out in strips followed by distribution with a rubber squeegee. Afterwards roll the surface with a short fiber paint roller to absorb and to distribute excess material. Avoid puddles. Use a suitable brush to remove excess material in existing holes or ruptures. Depending on the depth of the respective gaps, it is recommended to fill all existing cavities with Maleki-VM 530 to create an even surface for the subsequent coating.

In case of wall applications use a long fiber paint roller for distribution of Maleki-TG 110. Possible existing ruptures can be filled with Maleki-RM 500. Surfaces which were filled with Maleki-VM 530 or Maleki-RM 500 have to be primed twice to adjust the surface absorbency. Please refer to the respective technical data sheets for more information about the listed products.

Tools and cleaning

Brush, short fiber paint roller, long fiber paint roller, rubber squeegee, spraying device.
All equipment should be washed clean and dried before and after application.

Packaging and shelf-life

5 or 30 liter canisters. Container available on request.
Original packing is storable for 6 months in dry and controlled temperate areas (not below 0 °C, recommended 10 – 25 °C). Reseal opened containers immediately and use within a very short time.

Safety notes

Please refer to the Material Safety Data Sheet which can be requested on www.malekigmbh.com for further information on safety during transportation, storage, handling and disposal. Follow instructions on the packaging.

Notes

Prior to further processing please check sufficient film formation

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