

ESTRICHGRUND Primer

Technical Data Sheet 12/2023



ESTRICHGRUND Primer

Primer for absorbent flooring substrates

Product Description

Estrichgrund screed primer is a concentrated primer on a synthetic resin emulsion basis, is pink in colour and alkaline resistant.

Storage

It can be stored for at least 18 months in the original unopened container in a cool and frost-free (+5 °C to +25 °C) environment. Close opened buckets airtight. Do not expose to direct sunlight or heat.

Standards referred to

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Fields of Application

For interior application on basic floors intended for the application of bonded screed as well as pre-fab floor screed (e.g. Knauf Brio), calcium sulphate screed (e.g. Tribon), and other common mineral-based floor substrates.

For regulating the absorptivity, improving bonding properties and moisture protection as a preliminary coat before the application of:

Floor filling compounds

Floor coverings (e.g. tiles)

Properties

- For interior and exterior application
- Very low emission, EMICODE EC 1_{PLUS}
For details see www.emicode.com/en
- Solvent-free concentrate
- Regulates absorption
- Pigmented green
- Manual application

Application

Substrate and pretreatment

Preliminary tests are necessary with critical substrates, if necessary, crosscut or scratch tests may need to be performed.

The substrate must be stable, dry, firm and sufficiently dimensionally stable as well as dust-free, free of loose components, oil, grease, concrete release agents and treatment agents, sinter layers, impurities and harmful efflorescence.

Application

Stir the contents of the bucket thoroughly before application. Dilute Estrichgrund screed primer in accordance with the substrate (see table) and apply a uniform cross coat with a floor coater, painter's brush, primer brush or roller. Remove excess material so that no glossy spots or pools occur. Clean tools directly after use with water. Remove contaminations of Estrichgrund screed primer (splashes or similar) on the contaminated surfaces preferably in the fresh state with warm water. Dried material can be removed after softening, using a damp wiping cloth or similar.

Drying

Wait with subsequent work until the Estrichgrund screed primer is no longer adhesive and has fully dried (min. 12 hours at 20 °C and 65% rel. humidity). Correspondingly longer drying times result from cool and damp site conditions.

Highly absorbent surfaces and/or good ventilation shorten the drying times. The time after drying of Estrichgrund primer and commencement of the subsequent work should be kept as short as possible to avoid dust depositing on the surfaces.

Application temperature / climate

The material, substrate and air temperatures during application and until the primer is fully dry should not fall below +5 °C.

Safety Instructions

- Wash hands with plenty of water after handling.
- Use protective gloves / protective clothing / eye protection / face protection.
- In case of contact with eyes: Rinse your eyes cautiously with water for several minutes. If there is a lens remove it and continue to rinse.
- If eye irritation persists: Get medical advice / attention.

General Data

| Description | Weight (kg) | Packaging (pcs./bucket) | Shelf Life | Material Number |
|---------------------|-------------|-------------------------|------------|-----------------|
| ESTRICHGRUND Primer | 5 | 60 buckets/pallet | 12 month | 5700 |
| | 10 | 36 buckets/pallet | | 5355 |

Technical Data

| Description | Water mixing ratio (L) | Consumption (g/m ²) Concrete, cementitious screed | Consumption (g/m ²) CaSO ₄ floor | Consumption (g/m ²) Dry floor (e.g. Brio) |
|---------------------|------------------------|---|---|---|
| ESTRICHGRUND Primer | 1 : 1 | 150 | 100 | 50 |

System Performance Values

Performance values as sound insulation, fire resistance etc. may differ acc. to the drywall system to be applied. Please check the performance values of the drywall systems;
[Knauf Technical Website](#)
[Document Center](#)

Application

Application should be done acc. to the Knauf Technical Brochures of the respective drywall system.