

Product Information

Dolit Protective Varnish

ZP.SL.001 | 09/02/2022



PRODUCT GROUP

Complementary products

PROPERTIES / APPLICATION

Protective varnish for painting the visible surface of tiles and bricks after hollow joint installation to effectively prevent soiling during subsequent jointing with synthetic resin mortar.

- Suitable for acid-resistant ceramic tiles and bricks, porcelain brickware and other ceramic floor tilings.
- After jointing, the protective varnish can be removed with a painter's scraper.
- What remains is a clean visible surface of the tiling.
- Suitable for manual jointing, joint injector and slurry jointing.
- Can be used with all Dolit jointing and laying mortars.

SYSTEM DESIGN

- **Dolit Protective Varnish Primer** [► 2]
- **Dolit Protective Varnish A** [► 2]

PRECONDITIONS

The substrate, ambient air and Dolit materials must be in the temperature range between 10 °C and 30 °C during application. The optimum processing temperature is 20 °C. Higher and lower temperatures affect the working time and consistency of the composition. Consumption and application performance may change as a result.

During application, the substrate must be kept absolutely dry. No moisture (condensate, mist, etc.) may get onto the surfaces to be protected.

Unevenness must already be levelled out in the substrate.

Distance to dew point has to be at least 3 K, at a relative humidity of above 70 % at least 5 K.

The construction site must be protected from draught and direct sunlight.

Before Dolit Protective Varnish Primer can be applied to the visible surfaces of a tile or brick flooring laid with a hollow joint, the bed joint must be completely hardened, possibly acidified and dry again. The tile surface must be free of adhering mortar material, dry and chemically neutral.

The Protective varnish system can be used from a joint width of 4 mm.

Beforehand, the repulsion behaviour must be checked on a test surface. If necessary, contact the application technology department.

DELIVERY FORM / BEST BEFORE DATE

Component	Item no.	Quantity	Package	Months
Dolit-Protective Varnish Primer	5245014026	2 kg	Canister	24
Dolit-Protective Varnish A	5245013006	10 kg	Bucket	24

- All components must be stored and transported in a dry place.
- The minimum shelf life applies to a storage temperature of 20 °C. Higher temperatures shorten, lower temperatures extend the minimum shelf life.

18014405864190219 • V 3 • en

Product Information

Dolit Protective Varnish

ZP.SL.001 | 09/02/2022



Safety notice

- For handling, storage and transport, observe the relevant safety data sheets!

MIXING RATIO / CONSUMPTION

DOLIT PROTECTIVE VARNISH PRIMER

Component	kg/m ²	
Dolit-Protective Varnish Primer	0.100	

DOLIT PROTECTIVE VARNISH A

Component	kg/m ²	
Dolit-Protective Varnish A	0.300	per coating

Depending on the structure of the surface, 2 or more coats should be applied.

MIXING / APPLICATION

Processing may only be started when the application requirements are met and can be maintained during the entire processing and curing.

WORKING EQUIPMENT

Lobe	Paint roller	Painter's scraper
Sponge	Painter's grid	

APPLICATION

NOTE!

Ensure good ventilation during work, wear gloves, protective goggles and respirator (protective filter A).

DOLIT PROTECTIVE VARNISH PRIMER

- The tile or brick surface (visible surface) is treated with Dolit Protective Varnish primer before applying the protective varnish.
- The primer is applied with a lobe or sponge in such a way that the visible surface is slightly wetted, but the joint edges remain untreated.

DOLIT PROTECTIVE VARNISH A

- **Dolit Protective Varnish A** is applied after the primer has cured (waiting time approx. 2 h at 20 °C).
- With a paint roller (use a Painter's grid), apply the **Dolit Protective Varnish A** diagonally to the course of the joint on the visible surface.

Product Information

Dolit Protective Varnish

ZP.SL.001 | 09/02/2022



Depending on the structure of the surface, 2 or more coats should be applied.

- The waiting time between applications is 1 to 2 hours, depending on the temperature. The maximum waiting time of 2 hours between jobs must not be exceeded.
- The joint flank must remain free of **Dolit Protective Varnish**.
- After 1 to 2 hours from the last **Dolit protective varnish** application, jointing or slurring can be started.
- After the joint compound has hardened, but at the latest on the following day, the **Dolit Protective Varnish** is pushed off the tile surface with a painter's scraper.
- In stubborn cases, the **Dolit Protective Varnish** can be slightly heated.

WAIT- / CURING TIME

- Waiting time until the Protective Varnish is repelled max. 24 hours

CLEANING

Tools that are soiled with uncured materials can be cleaned with Dolit-Universal-Cleaner. Clean only in well ventilated areas and observe safety measures.

SAFETY / DISPOSAL

- Ensure sufficient ventilation, especially when working in closed rooms, pits or containers.
- Observe fire and smoking ban.
- Observe safety data sheets, hazard statements and safety advice on the containers.
- Wear prescribed personal protective equipment. Avoid skin contact with the materials.
- Clean and care for hands with skin protection soap and ointment. Do not use solvents.
- Wear a dust mask during grinding work, e.g. repairs.
- Follow operating instructions according to §14 GefahrstoffV and Technical Rules for Hazardous Substances TRGS 507.
- Comply with the accident prevention regulations of the employers' liability insurance associations.
- Avoid direct contact of the materials with the flame, especially when welding, watch out for welding beads.
- Preferably consume residual quantities.
- Do not pour residues down the sink or into the dustbin.
- Collect residues for disposal separately in durable, sealable and labelled containers.

All information contained in this Product Information is based on the present state of our knowledge and practical experience. All data are approximate values for guidance only. A legally binding warranty of certain characteristics or the suitability for a certain purpose of use cannot be derived from this.

The information in this product information is our intellectual property. The Product Information sheet may neither be copied nor used by unauthorized parties, nor professionally distributed or otherwise made accessible to third parties without our prior consent.

This issue replaces all previous versions.