

DOWACOAT ETB

Art. 1533 / 3 / 0424

TYP 2000



Properties

DOWACOAT ETB TYP 2000 is a liquid Ultra-High-Solid 2-component coating material based on epoxy resins. The product is used to protect steel tanks in which various fuels or chemicals are stored. For information about various chemical resistances, please contact the technical sales department. DOWACOAT ETB TYP 2000 has good abrasion and impact resistance. Under ideal conditions, coating thicknesses of up to 1000 µm can be achieved with one application (substrate and material temperature 20 °C).

Field of application

DOWACOAT ETB TYP 2000 is used as a single layer in steel tanks and pipelines. In addition a wide variety of applications on steel and concrete substrates are possible. For specific information please contact the technical sales department.

Pretreatment

Steel surfaces must be sandblasted to SA 2 ½ purity according to DIN EN ISO 12944, part 4, roughness depth >60 µm. The concrete must be dry, free of cement slurry, formwork oil residues and other impurities.

Processing

DOWACOAT ETB TYP 2000 may only be applied at a substrate temperature between 5 and 30 °C. During processing, a dew point distance of at least 3°C must be maintained. Sufficient ventilation must always be ensured during application and for at least 2 hours during curing. Suitable respiratory mask, gloves and goggles as well as appropriate protective clothing are essential for the applicator.

System structure

On steel:

DOWACOAT ETB TYP 2000 can be used as a single-layer system directly on steel.

Leak-protection lining «Dowasys EP»:

DOWACOAT ETB TYP 2000 is used as first layer directly on steel.

On concrete:

Primer: DOWACOAT FG Primer TYP 3150

Intermediate coat: DOWACOAT ETB TYP 2000

Top coat: DOWALAST V Typ 4500 (Only necessary for exterior use)

Drying

The required final hardness of Shore A > 75 is reached after different times depending on the temperature:

At 10 °C: approx. 8 days

At 20 °C: approx. 5 days

At 30 °C: approx. 3 days

A post-treatment for certain applications at 60 °C might be necessary.

If a second coat of DOWACOAT ETB TYP 2000 is applied later than 24 h after application or if defects are repaired with DOWACOAT TIB Repair Set Type 4200, the surface must be grinded.


Dilution

DOWACOAT ETB TYP 2000 must not be diluted.

Extensiveness

At 1000 µm layer thickness approx. 2 kg/m²

The real consumption varies depending on the nature of the substrate and the method of application.

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Mixing ratio	4 parts by weight component A and 1 part by weight component B (4 : 1). The mixture is stirred for at least 2–3 minutes under running and low-speed stirring equipment.
Working time	At a material temperature of 20 °C, the processing time is approx. 45 minutes.
Application	Airless application (at least 68:1) Preheat DOWACOAT ETB TYP 2000 to suitable material temperature of 18-23 °C before application.
Cleaning	Clean tools immediately after use with GS-Cleaner. The cleaning performance of other thinners must be checked in advance.
Delivery form	Component A: 20 kg Component B: 4 kg
Shelf life	DOWACOAT ETB TYP 2000 can be stored for at least 12 months in the well closed original container. Storage beyond this specified period does not necessarily mean that the goods are unusable. However, for quality assurance reasons, it is essential to check the required property values. The material should be stored between 2 and 35 °C.
Density	Components A + B: 1,58 ± 0,05 g/cm ³
Colours	light green
Classification	For information on chemical properties and hazards as well as regulations regarding transport, processing, storage, disposal, etc., please refer to the safety data sheet.
Note	This leaflet is only intended as a reference and non-binding advice. The processing must be adapted to the corresponding conditions. In special cases we recommend to contact our technical service. However, all data and information on the suitability and application of the delivered products do not exempt the processor from carrying out his own tests and trials. A claim for damages for omitted, incomplete or incorrect information is excluded. This applies in particular if thinners or hardeners and other products are used in the paint build-up system. Furthermore, we refer to our General Terms and Conditions (GTC) on our homepage.