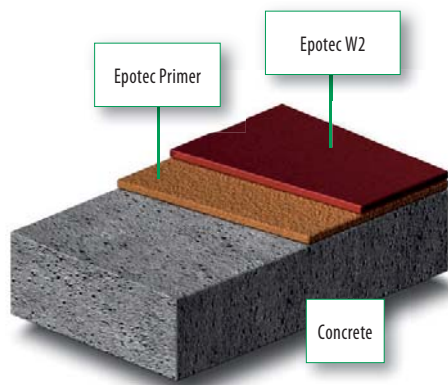




EPOTEC W2

Epotec W2 is a water-borne epoxy sealing coat for floors intended for creating mechanically- and chemically-resistant and easily cleansable surface treatment.



Composition

Component A - epoxy resins formulated on the basis of Bisphenol A and epichlorohydrin.
Component B - hardener - mixture of amines and polyamines.

Uses

Epotec W2 is intended for sealing the surface of materials as well as for coating the concrete, **Monile**® flooring, **Acrole**® flooring and plasters. It has good adhesive capacity to a number of surfaces like wood, steel and concrete.

Advantages

- vapour permeability
- prevents the growth of mildew
- minimal odour
- low price and easy application

Surface preparation

The base must be load-carrying, dry and clean, with open structure, free of all mechanical impurities and conglomerate particles (we recommend vacuuming). Depending upon the quality of the base, we recommend shot-blasting or grinding.

Processing

Stir base A and hardener B (eventual sediments). Then add hardener B into base A and slowly mix using a hand mixer for at least 3 minutes. Pour into a clean vessel incl. wiping out the rest of the material and mix for 1 minute.

Application

Immediately after mixing, apply the first layer of the material **Epotec W2** using a rubber doctor. Allow setting until non-sticky, and max. after 12 hours apply the second layer using a roller. **Epotec W2** may be applied to surfaces with higher relative humidity but it should not be applied if the relative air humidity exceeds 85 % or if the temperature of the material or floor is below 15 °C. The temperature should not drop below 5 °C and the relative humidity should not exceed 85 % during 24 hours after application. At the temperature of 20 °C the residual relative humidity for application should be max. 10 %.

Garages Terrounská Prague	3 000 m ²
Frantschach Štětí 1	196 m ²
Hotel Kriván Prague	1 081 m ²
Zexel Valeo Humpolec	4 016 m ²
Lanex Kravaře	300 m ²
Sfinx Holešov	519 m ²
Garages Prague Modřany	3 750 m ²
HZS Teplice	907 m ²
Hotel Kriván Prague	1 080 m ²





I.S.R. Prague - Průhonice



Lite-On Opava processing hall
4 000 m²



Cleaning

Immediately after finishing the application, clean the tools by water.

Consumption

1st layer - ca. 0.25 kg/m²

2nd layer - ca. 0.25 - 0.30 kg/m²

Note: It is necessary to take into consideration that two-layer surface treatment of the thickness of 0.2 - 0.3 mm will not overlay the base structure.

Resistance to common chemicals

hydrochloric acid 20 %	●
sulphuric acid 50 %	●
citric acid 30 %	●
acetic acid 5 %	●
acetone	●
methanol	●
sugar sirups	●
sodium hydroxide	●
gasoline	●
oil	●
detergents	●

● *Outstanding resistance: no changes even after long-term contact.* ● *Good resistance: no changes after 1-month contact - then changes to the surface, eventually no further test results are available.* ● *Limited resistance: will resist for the period of 2 - 3 hours, then incipient damage appears.*

Certificates

Material **Epotec W2** meets the requirements of Statutory Order No. 163/2002 Coll., which ensures conformity of material properties with the basic requirements of this law. The material has been examined by certificating and testing authorities. We have at our disposal all tests required by the Czech laws.

The quality of the material is also evidenced by the Certificate issued by the authorized body, which certifies that products introduced to market correspond with the technical specification.

The following documents are available to the material **Epotec W2**:

- Certificate No. C-04-1120/Z issued by CSI a. s. Zlín,
- Declaration of Conformity issued per § 12 Section 2 of Law No. 22/1997 Coll., and § 5 of Statutory Order No. 163/2002 Coll.,
- Building-Technical Certificate No. STO-04-1489/Z issued by CSI a. s.,
- Statement on sanitary unobjectionability of products issued by SZU Prague,
- Protocol No. 11932 on testing of fire-technical characteristics issued by CSI a. s. Prague,
- Testing Protocol No. 020-004-062 issued by CSI a. s.

Packaging

The material is supplied in PE recyclable containers in the overall weight unit of 18 kg.

Storage

In original packaging in a dry frost-protected environment (min. 5 °C) for the period of 1 year.

Work safety

- Irritant to eyes and skin.
- May cause sensitization by skin contact.
- Use suitable protective clothing, protective gloves and goggles or eye shield.
- In case of skin contact, wash with plenty of water.
- In case of contact with eyes, rinse with plenty of water immediately and seek medical advice.
- Harmful to aquatic life, may cause adverse affects in aquatic environment.
- Store locked away from children.
- In case of accident or if you feel unwell, seek medical advice immediately (show this labelling, if possible).
- Prevent release to environment.
- Causes burns.

Technical data

Tensile strength	12 MPa
Gripping	> breaking strength of concrete
Workability at 20 °C	30 min.
Dry for stepping at 20 °C	12 hrs.
Hardening at 20 °C	after 7 days
Packaging sufficient for	ca. 45 m ²
Non-sticky at 20 °C	after 4 hrs.
Light traffic at 20 °C	after 24 hrs.
Full traffic at 20 °C	after 48 hrs.

Contact our dealers !

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