



EPOTEC S

Epotec S is a three-component self-levelling epoxide mixture for realization of final chinkless flooring in interiors. It is designed for reaching surface finish of concrete floors of high mechanical and chemical resistance which can be easily cleaned.

Composition

Component A – epoxide resin formulated on the basis of Bisphenol A/F and epichlorohydrin, colourant.

Component B – hardener; mixture of poly(oxyalkylene amine), alkyphenol and substituted piperazine.

Component C - filler (special mixture of mineral substances).

Uses

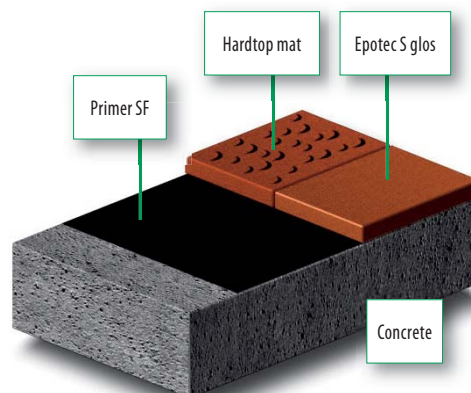
Epotec S is a system intended for obtaining highly mechanically and chemically resistant and easy-to-clean surface finish of concrete floors. It is suitable for garage space with concrete floor plate, workshops, storage rooms, all industrial production, including food industry.

Advantages

- excellent chemical and mechanical resistance
- good chemical resistance against action of sugars, acids and sodium chloride
- easy to apply
- easy to clean
- attractive colour design.

Surface preparation

The floor plate must be clean, dry, free of any mechanical dirt and non-homogeneous partic-



les. Residual moisture content of concrete must be under 4 %; the concrete should be aged for at least 28 days.

Priming

The prepared floor surface should be homogeneous, free of holes and cracks on the whole relevant area. Penetration with the material Epotec Primer SF is necessary to prevent formation of bubbles and to ensure good adhesion. In case of good quality floor surface, a roller is sufficient; if the floor surface is porous use a steel trowel.

Processing

Mix the component A (because of possible sedimentation of pigment), mix in the component

▲ Penn Austria 1 500 m²

PRAMET Šumperk 410 m ²
Schneider Písek 3 590 m ²
KP Market Znojmo 720 m ²
Místek Dairy, Frýdek-Místek, butter plant 75 m ²
Professional School of Building Opava 180 m ²
Dukelská military quarters, Opava 150 m ²
MCR Hošťálkova 60 m ²
Mazda Spořilov 36 m ²
NIKE Plus CC Bratislava 127 m ²
IFE Brno 2 079 m ²
Nowaco Opava 294 m ²
DF Partner Zádveřice 215 m ²
GERYCH Ostrava 226 m ²
HZS Ostrava Fifejdy 125 m ²
HZS Plzeň 1 388 m ²
Garages Rostovská Prague 410 m ²
ALUKOLA Ostrava 1 251 m ²
SVIT Zlín 660 m ²
ENZYMA Brno 791 m ²



ZEXEL VALEO Humpolec 3 895 m²Mürdter Dvořák Olšany 260 m²ADIDAS-FLORA Prague 180 m²TRW DAS Dačice 302 m²PROAGRO Městec Králové 241 m²Sanitas Říčany 3 055 m²

Brewery Staropramen,

Prague 842 m²

SAS Automotive Mladá

Boleslav 96 m²Hospital Ivančice 660 m²SPEL Kolín 1 521 m²

Autopalace MAZDA

Prague - Spořilov 1 963 m²GM Pneu Havířov 310 m²Miele Uničov 16 202 m²Sfinx Holešov 4 263 m²

WAGON Automotive Bělá

pod Bezdězem 530 m²MOBAL Vratimov 170 m²FORTEX AGS Štítý 460 m²KVS Dvorce 520 m²

Central Military Hospital

Prague 281 m²Pejskar Police n. Metují 790 m²Dairy Kunín 150 m²I.D.S.C. Mladá Vožice 2 931 m²Sýkora Vizovice 32 m²SAZKA Prague 4 482 m²DANAHER Modřice 595 m²PSM Modřice 3 807 m²DP Ostrava 302 m²Hypernova Olomouc 283 m²SCOTTSPORTS Prague 77 m²Wine Cellars, Valtice 525 m²Faurecia Lecotex Tábor 380 m²NIKE Metropole Zlín 186 m²Butik Metropole Zlín 76 m²Head Sport Litovel 1 050 m²Lanex Vítkov 94 m²OD Pasáž Opava 135 m²

B and stir until a homogeneous mixture is formed. Then, mix in the component C (filler) and stir again until a homogeneous mixture is formed. Do not divide or change the given volume in the package; do not process at a temperature under 15 °C.

Application

Immediately after mixing, spread **Epotec S** in a required thickness by means of a toothed spatula; the material should be promptly rolled by a stabbing roller with pricks in order to release entrapped air. After 25 – 45 min (depending on temperature), the material should be rolled again by a stabbing roller.

Cleaning

Immediately after application, clean the tools with acetone.

Consumption

Complete package of the system is sufficient for realization of min. 7 m² of area according to type of the floor.

Note: Small variations in colour hues can be found between respective batches. Therefore, make sure that the material for the final layer is from single batch.

Certificates

The material **Epotec S** meets requirements of the Government Order no. 163/2002, and thus provides for conformity of the material properties with basic requirements of this act. The material has been verified by certifying and testing organs. The manufacturer possesses all necessary tests required by the Czech law. Quality of the material is approved by the Certificate issued by an authorized person who, in this document, certifies that the products put on the market correspond to the technical specificati-

on. The material **Epotec S** is accompanied by the following documents:

- Certificate no. C-02-0854/A/Z issued by CSI a. s. Zlín,
- Declaration of conformity issued pursuant to § 12 par. 2 of the Act no. 22/1997 and § 5 of the Government Order no. 163/2002,
- Building-technical certificate no. STO-02-1108/A/Z issued by CSI a. s.,
- Statement on health soundness of the products issued by the State Health Institute,
- Protocols 10856-1/2, 10856-2/2 on tests of fire-technical characteristics issued by CSI a. s. Prague,
- Protocol on the test no. 144-004-062 issued by CSI a. s. Zlín.

Packaging

The material is packed in total weight unit 35.2 kg.

Storage

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

Work safety

- It is irritating to eyes and skin.
- It can induce sensitization in contact with skin.
- Use appropriate protective clothing, protective gloves, protective goggles or face shield.
- In case of contact with skin, wash immediately with plenty of water.
- In case of hit of eyes, wash immediately with plenty of water and seek for medical assistance.
- Harmful to aquatic organisms, it can induce adverse effects in the aquatic environment.
- Keep locked out of reach of children.
- In case of an accident or if you do not feel well, seek immediately for medical assistance (if possible, show this label).
- Prevent releasing into the environment.
- It causes etching.

Technical data

Compression strength.....	55 MPa
Tensile strength.....	15 MPa
Adhesion	> tensile breaking strength of concrete
Processability at 20 °C	30 min.
Next layer at 20 °C	after 12 – 16 h
Walking-on at 20 °C	12 h
Hardening at 20 °C	after 7 days
Capacity of package	ca 8.5 m ²

Contact our dealers!

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