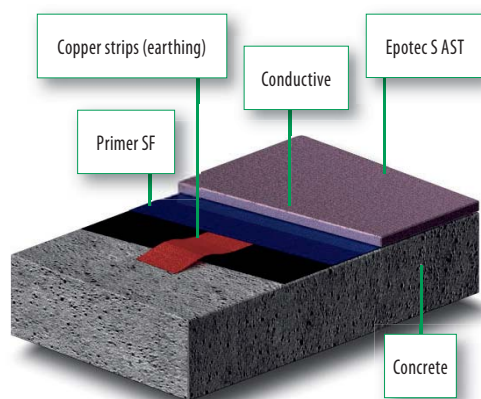




EPOTEC S AST

Epotec S AST is a three-component self-levelling electrically conductive trowel finish based on epoxide resin, intended for realization of final chinkless floors in interiors. It is used for obtaining electrically conductive surfaces.



Composition

Component A – epoxide resin formulated on the basis of Bisphenol A/F and epichlorohydrin.
 Component B – hardener – mixture of poly(oxyalkylene amine), alkyphenol and substituted piperazine.
 Component C - filler (special mixture of mineral substances).

Uses

Electrostatic-conductive load-bearing layer according to ČSN 33 2030, coloured, particularly suitable in case of high requirements for aesthetic and optical workmanship of the antistatic flooring on concrete surfaces or surfaces with cement screed in areas with average to medium

heavy mechanical load – halls, storage rooms, exposition areas, etc.

Advantages

- electrostatic conductivity
- good mechanical and chemical properties
- resistance against penetration of liquids
- glossy surface
- variable thickness of layers

Surface preparation

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

Certificates

The material **Epotec S AST** meets requirements of the Government Order no. 163/2002, and thus

▲
 VW Bratislava, assembly hall
 20 000 m²

Foxconn Pardubice 430 m²

Svit Zlín 157 m²

Teaching Hospital, Prague-
 -Motol 755 m²

Central Military Hospital,
 Prague 281 m²

BADGER METER Brno 225 m²

AEG Jičín 383 m²

Hospital Rokycany 500 m²

Siemens Frenštát pod Rad-
 hoštěm 4 000 m²

Škoda Auto Mladá Boleslav
 hall M6 16 000 m²

SAS Automotive Nepřevázka
 50 m²





Parts Centre Mladá Boleslav ▲



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 specification.

The material **Epotec S AST** 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.,
- Protocol on the test no. 144-004-062 issued by CSI a. s. Zlín.
- Protocols 10856-1/2, 10856-2/2 on tests of fire-technical characteristics issued by CSI a. s. Prague,
- Statement on health soundness of the products issued by the State Health Institute,

Packaging

The material is packed in total weight unit 15.6 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.
Walking-on at 20 °C.....	12 h
Leakage resistance Rs.....	5 . 10 ⁴ Ω < Rs <10 ⁶ Ω

Contact our dealers !

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