

EPSL-FORTE

20/12/2022

PRODUCT DESCRIPTION

EPSL-FORTE is a 3 component, solvent-free, coloured and filled epoxy self leveling 2 to 3 mm floor. EPSL-FORTE is suited to carrying medium and heavy loads and industrial applications.

APPLICATIONS

EPSL-FORTE is easy to apply. EPSL-FORTE is suitable as a lasting interior finishing for asphalt, cement and gypsum-based or steel subfloors and can be delivered in various colours. EPSL-FORTE has a good chemical resistance to oil-based substances, diluted alkali, battery acids, organic acids, salts and solutions. For more information, please contact Sidec.

CHARACTERISTICS

- Excellent flow
- High chemical resistance
- Liquid proof
- Fast application
- Very easy to clean
- Very resistant to impacts, shocks and wear

CONDITIONS

The subfloor has to be sufficiently strong and must always be clean, dry and free from dust and fat before the floor can be applied. Any holes and cracks in the subfloor have to be repaired in advance.

The subfloor has to be treated with a primer and in most cases a scratch coat will also have to be applied first.

Avoid drafts across a floor.

When materials are stored at lower temperatures, allow sufficient time for acclimatisation before use.

INSTALLATION CONDITIONS

Minimum subfloor temperature
Subfloor, material and ambient temperature during installation

10 °C and 3 °C above dew point

Minimum + 15 °C

Maximum + 30 °C.

Ideal: + 20 °C

Minimum air humidity

40%

Maximum air humidity

80%

Percentage of moisture remaining in cement-based subfloor

< 4 CM%

Percentage of moisture remaining in gypsum-based subfloor

< 0,5CM%

The above information is provided by Sidec in good faith, however without any guarantees. The application, use and processing of the products is not our responsibility. If Sidec were to be held responsible, its liability will always be limited to the value of the goods delivered. This version replaces all previous versions.



PROCESSING

Mix the correct amount of A and B component with a slowly turning power drill fitted with a mixing spindle into a homogeneous mixture. Mix for at least 3 minutes. Then add the correct amount of C component, while mixing.

To avoid unmixed compound (stuck to the bottom or edges) from being used, you can pour the mixture into a clean container and mix again.

Spread the compound over the floor, using a trowel or toothed comb.

In case of intervals of more than 15 minutes, tape can be applied on the subfloor. When work is resumed, the tape can be removed and you have a firm seam to work with.

Air out the entire surface with a spiked roller, immediately after applying the self leveling floor. Apply the roller slowly and evenly in overlapping lanes, to ensure the entire surface is aired out multiple times.

After 24 to 48 hours, a finishing PU top layer can be applied, if desired.

TECHNICAL CHARACTERISTICS

Colour Solids	Standard colours or most RAL colours upon request
Content Density at 20°C	100%
Hardness shore D	1.6 kg/dm ³
Adhesion to concrete	80
Pressure resistance	2.6 N/mm ²
Flexural strength	>60 N/mm ²
Mix ratio by weight	>35 N/mm ²
Potlife at 20 °C	6,3 parts A + 2,7 parts B + 16 parts C
Dry at 20 °C and 65% RH	± 45 min. can be walked on after 24h suitable for mechanical loads: after 3 x 24h suitable for chemical loads: after 7 x 24h
Dilution	not advisable
Cleaning	Acetone
Amount to be used	2.5-3.7kg/m ² for 2-3 mm layer thickness respectively
Packaging	sets of 25 kg
Storage	12 months (in closed, original packaging, 10-25 °C)

SAFETY

Before use: always thoroughly read the MSDS sheets of the products used.

The above information is provided by Sidec in good faith, however without any guarantees. The application, use and processing of the products is not our responsibility. If Sidec were to be held responsible, its liability will always be limited to the value of the goods delivered. This version replaces all previous versions.

