

USAGE

EPISOL PU SL2K is an impermeable screed floor with high mechanical properties and chemical resistance. Suitable for industrial areas.

CHEMICAL RESISTANCE

Good chemical resistance to alkalis, petroleum derivatives, acid, organic acids, salts and solutions. For more information please contact RESIPLAST NV.

PROPERTIES

- Limited layer thickness
- High wear resistance
- Mechanical strength
- Excellent flow
- High impact resistance
- High chemical resistance
- Easy to care for
- Impermeable
- Solvent-free

PROCESSING

• Preparing the application surface

Make sure the surface is clean and dry. The recommended processing temperature for the surface, the surroundings and the material is 15 to 25°C. Do not use below 10°C and it should be at least 3°C higher than the dew point temperature.

Maximum relative humidity is 80%.

EPISOL PU SL2K is applied to a cured primer coat or on a cured levelling compound. Primer layers, levelled surfaces or other epoxy resin floors that are older than 2 days must be roughened.

• Mixing

Stir the base (component A) evenly before use. Add the full amount of hardener (component B) and mix mechanically (300 rev/min) until both components are homogeneous.

• Application

Pour EPISOL PU SL2K out and spread with a flat trowel or notched trowel. Use a notched trowel with triangular saw blade profile. With a correct surface preparation EPISOL PU SL2K doesn't need to be de-aerated. When the application surface isn't perfect, there is a change on imperfections of the self levelling floor, de-aeration with a spiked roller is necessary after 15 to 45 minutes. After 24 to 48 hours a top coat of EPISOL PU 43 OP MAT or EPISOL PU TOPCOAT WB can be applied.

• Use

After 24 hours of curing, you can walk on the floor.

Can be mechanically loaded after 2 days.

Complete chemical resistance after 7 days at 20°C, lower temperatures will extend the curing time.

PACKAGING

EPISOL PU SL2K	Comp A	Comp B
Set 25kg	21.1kg	3.9kg

TECHNICAL SPECIFICATIONS

Specific mass	1.4kg/dm ³
Colour	Upon request
Surface	Smooth
Hardness shore D	55 - 65
Pressure resistance	>35N/mm ²
Flexural strength	>30N/mm ²
Elongation at break	160%
Adhesion to concrete	2.2N/mm ²
Heat resistance	60°C
Layer thickness	2 to 3mm
Min. Curing temperature	+10°C 3°C above dew point
Application temperature	temp.+15° - 30°C 3°C above dew point temp.
Processing time	approx. 25 minutes at 20°C
Hardening time at 20°C	Can be walked on 24 hours Can be mechanically loaded 2 days Can be chemically loaded 7 days
Curing	Non-shrinking
Shelf life	12 months

CE CERTIFICATE


Resiplast NV, Gulkenrodestraat 3, B-2160 Wommelgem
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EN 13813
Resin screed/coating for use indoors in buildings.

Reaction to fire	NPD
Release of corrosive substances	SR
Water permeability	NPD
Abrasion resistance (Taber)	<5 mg (CS10-1000tr-1kg)
Adhesion strength	B 1,5
Impact resistance (DIN EN ISO 6272)	>10Nm
Soundproofing	NPD
Sound absorption	NPD
Thermal resistance	NPD
Chemical resistance	NPD

VOCcomplies with Belgium emission legislation (2012/0568/B) (EU CEN/TS 16516)

USAGE

1.4kg/m² per mm layer thickness

APPEARANCE

A-component	Modified polyol
B-component	Polyurethane hardener
Colour	Upon request

YOU WILL NEED TO SUPPLY

- Flat trowel, notched trowel
- Point roller
- Mixing buckets
- Cleaning solvent for tools: MEK SOLVENT
- Top coat: EPISOL PU 43 OP MAT, EPISOL PU TOPCOAT WB

STORAGE

Store EPISOL PU SL2K in a dry, well ventilated storage area between 5 and 35°C. Twelve months shelf life.

If in doubt, contact RESIPLAST NV and provide the batch number on the package. Do not let the product get in contact with ground water, surface water or sewage systems. Dispose of contaminated packaging and remnants according to legal regulations.

SAFETY

Carefully read the safety instructions before using EPISOL PU SL2K. Products have a characteristic odour when being applied. Ensure there is sufficient ventilation, stay away from ignition sources and do not smoke. Avoid contact with skin. Eye irritation and/or sensitivity may occur during heavy vapour concentrations, inhalation and/or skin contact. Do not keep food products (food, beverages) in the same workspace. Always wear personal protective equipment according to local guidelines and regulations. Gloves and safety goggles are mandatory.

The above information is provided in good faith, but without any guarantees. The application, use and processing of the products are beyond our control and are, as such, the sole responsibility of the user/processor. In the event that Resiplast N.V. is still held liable for damages, then the claim will still be limited to the value of the goods delivered. We always aim to deliver consistently high quality goods. This version replaces all previous versions. Version 1.3 Date: 5 November 2020 4:04 pm