

USAGE

EPISOL FLEXIFLOOR is an impermeable casting mortar with high mechanical properties and chemical resistance. Ideally suited as a sterile, protective flooring for ungulates.

CHEMICAL RESISTANCE

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

PROPERTIES

- High wear resistance
- Non-slip
- Impermeable
- Easy to clean and disinfect
- High chemical resistance
- High chemical resistance
- 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 FLEXIFLOOR is applied to a cured primed layer or a levelling compound. Primer layers, prepared 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 (300rev/min) until both components are homogeneous. Slowly add the filler component to the mix. Mix until homogeneous.

• Application

Pour EPISOL FLEXIFLOOR out and spread out with a trowel or tooth comb. Vent after 15 minutes with a point roller. Layer thickness 17 to 23mm.

• 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 FLEXIFLOOR	Comp A	Comp B	Comp C1 + C2
Set 67,5kg	36,92kg	5,58kg	12,5kg + 12,5kg

TECHNICAL SPECIFICATIONS

Specific mass	1.5kg/dm ³
Colour	Black – green – red - ochre
Surface	Non-slip
Layer thickness	17 – 23mm.
Min. application temperature	+10°C
Hardening temperature	+5°C
Processing time	30 minutes at 20°C
Hardening time at 20°C	Walkable: 12h Mechanically loadable: 24h Chemically loadable 3 days
Curing	non-shrinking
Shelf life	12 months

CE CERTIFICATE

	
Resiplast NV, Gulkenrodestraat 3, B-2160 Wommelgem	
12	
EN 13813	
Resin screed/coating for use indoors in buildings.	
Reaction to fire	E _{fl}
Release of corrosive substances	SR
Water permeability	NPD
Abrasion resistance (Taber)	<100mg (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

USAGE

Uses 1,5kg/m² per mm layer thickness

APPEARANCE

A-component	Modified polyol with filler and additives.
B-component	Polyurethane hardener
C-component	Quartz and elastic fillers
Colour	Black – Green – Red - Ochre

YOU WILL NEED TO SUPPLY

- Squeegee
- Venting roller
- Cleaning solvent for tools: MEK SOLVENT

STORAGE

Store EPISOL FLEXIFLOOR in a dry, well ventilated storage area between 5 and 35°C. 12 months shelf life, C component unlimited 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 FLEXIFLOOR. 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 1.5 Date: 5 November 2020 4:04 pm