

EPISOL FLEXIFLOOR JOINT

Polyurethane flexible joint sealant for floors

USAGE

EPISOL FLEXIFLOOR JOINT is a liquid joint sealant with high mechanical properties and chemical resistance. Suitable for industrial areas.

CHEMICAL RESISTANCE

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

PROPERTIES

- High wear resistance
- Mechanical strength
- Excellent flow
- High impact resistance
- High chemical resistance
- Impermeable
- Fast curing
- 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 JOINT is applied to a cured coat of POLYAC® 14 or other cured primer.

• 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. Leave it to rest for 1 minute and then mix again.

• Application

Pour EPISOL FLEXIFLOOR JOINT until you reach the desired level. Make sure that the joint is properly sealed. Add more after 15 minutes, if necessary.

• 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.

No water or chemicals should come into contact with the joint in the first 7 days.

PACKAGING

EPISOL FLEXIFLOOR JOINT	Comp A	Comp B
Set 7.5kg	6.51kg	0.99kg

TECHNICAL SPECIFICATIONS

Specific mass	1.6kg/dm ³
Colour	Black
Surface	Smooth
Hardness Shore D Shore A	25 – 35 65 - 85
Elongation at break	57%
Adhesion to concrete	2.6N/mm ²
Fire class	E _{FL} EN 13501 Euro standard
Heat resistance	60°C
Layer thickness	2 to 20mm
Min. curing temp. Application temp.	+10°C 3°C above dew point 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	E _{fl}
Release of corrosive substances	SR
Water permeability	NPD
Abrasion resistance (Taber)	<20mg (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

0.16kg per metre for a 1 x 1cm joint

APPEARANCE

A-component	Modified polyol and additives
B-component	Polyurethane hardener

YOU WILL NEED TO SUPPLY

- Cleaning solvent for tools: MEK SOLVENT

STORAGE

Store EPISOL FLEXIFLOOR JOINT in a dry, well ventilated storage area between 5 and 35°C. Six 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 FLEXIFLOOR JOINT. 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.