USAGE

Seamless screed floor with vapour-permeable properties.

Can be applied to concrete with a damaged or missing vapour barrier.

Suitable for industrial environments with light traffic such as the food industry, electronics, storage spaces, living spaces, showrooms, offices, etc.

CHEMICAL RESISTANCE

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

PROPERTIES

- Resistant to 100°C
- Vapour permeability
- Limited layer thickness
- High wear resistance
- Mechanical strength
- Excellent flow
- Satin gloss
- Good chemical resistance
- Easy to care for
- Impermeable
- Good UV resistance

PROCESSING

• Preparing the application surface

Make sure the surface is clean. The recommended processing temperature for the surface, the surroundings and the material is 15 to 25°C. Do not use below 10°C.

EPISOL SLW is applied to a cured primer coat of EPISOL PRIMER WTF.

EPISOL SLW contains water, allow enough ventilation during application, for up to 48 hours after application, to prevent water vapor from settling on the surface (to avoid color differences).

• 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. Slowly add the filler component to the mix. Mix until homogeneous.

• Application

Pour EPISOL SLW out and spread out with a flat trowel or tooth comb. Vent immediately with a point roller.

Use a tooth comb with a triangular saw blade profile. After 48 hours you can apply a coat of EPISOL PU 43 OP MAT.

• 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

<table>
<thead>
<tr>
<th>EPISOL SLW</th>
<th>Comp A</th>
<th>Comp B</th>
<th>Comp C</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Set 22.5kg</strong></td>
<td>2.28kg</td>
<td>5.83kg</td>
<td>16.4kg</td>
</tr>
<tr>
<td><strong>Set 45kg</strong></td>
<td>4.56kg</td>
<td>11.6kg</td>
<td>14.4kg x 2</td>
</tr>
<tr>
<td><strong>Set 67.5kg</strong></td>
<td>6.84kg</td>
<td>17.49kg</td>
<td>14.4kg x 3</td>
</tr>
</tbody>
</table>

TECHNICAL SPECIFICATIONS

- **Specific mass**: 1.5kg/dm³
- **Colour**: Upon request
- **Surface**: Smooth, satin
- **Pressure resistance**: >35N/mm²
- **Flexural strength**: >18N/mm²
- **Adhesion to concrete**: >1.5N/mm²
- **Hardness Shore D**: 75 - 85
- **Fire class (EN 13501)**: BFL S1
- **Heat resistance**: 100°C
- **Layer thickness**: 2 to 3mm
- **Min. Curing temperature**: +10°C
- **Application temperature**: +15° - 30°C
- **Processing time**: approx. 40 minutes at 20°C
- **Hardening time at 20°C**: Can be walked on 24 hours, can be mechanically loaded 4 days, can be chemically loaded 7 days
- **Curing**: Non-shrinking
- **Shelf life**: 12 months

YOU WILL NEED TO SUPPLY

- Flat trowel, tooth comb
- Point roller
- Mixing buckets
- Cleaning solvent for tools: MEK SOLVENT

STORAGE

Store EPISOL SLW 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 SLW. 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 NV 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 1.1 Date: 8 November 2019 2:08 pm

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**USAGE**

Usage for 3mm layer thickness: 4.5kg/m²

**APPEARANCE**

| A-component | Epoxy resin |
| B-component | Modified polyamine hardener with pigment |
| C-component | Dry filler |

**CE CERTIFICATE**

Resiplast NV, Gulkenrodestraat 3, B-2160 Wommelgem

EN 13813
Resin screed/coating for use indoors in buildings.

Reaction to fire: B-s1
Release of corrosive substances: SR
Water permeability: NPD
Abrasion resistance (Taber): <15 mg (CS10-1000tr-1kg)
Adhesion strength: B 1.5
Impact resistance (DIN EN ISO 6272): >10N/m
Soundproofing: NPD
Sound absorption: NPD
Thermal resistance: NPD
Chemical resistance: NPD

**VOC**

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