





# EPISOL® FLOORLINE GREEN

## WATER-BASED EPOXY FLOOR SYSTEMS

RESIPLAST

# THINK GREEN, LIVE GREEN



Sustainable and ecologically responsible building and living is no longer a trend but an absolute must to guarantee a pleasant and good future for people, animals and the environment. Not only for ourselves and for our children, but for all future generations coming after us. Sustainable development meets the needs of the current generation without compromising future generations to meet their needs.

RESIPLAST® NV is making every effort to develop environmentally friendly, sustainable products and system solutions and to put them on the market. Recycling, processing used packaging, producing more with less and improving the working comfort of our customers are objectives that we keep working on and on which we base our sustainable development policy.

## THE RIGHT PRODUCTS, APPROACH AND PEOPLE

With over 50 years of experience, Resiplast is a major player in the construction industry. Thorough knowledge and innovative techniques provide Resiplast with a solid reputation. Our systems are used worldwide. The synthetic resin systems from our range consist of high-quality epoxy. Of course you can also get the complementary materials to apply these top products. Are you looking for the right professionals to carry out your project?
We are also happy to help you with that. Resiplast does more than just provide top products. We also offer technical support, so you can count on a professional and meticulous service. At Resiplast we only use high-quality raw materials. And of course we keep an eye on the global cost, also for the application of our products. At Resiplast you will find a rich range of highly efficient systems.



## SYNTHETIC RESIN FLOOR SYSTEMS

Concrete is very strong and is therefore perfectly suited for making floors, but it is not a liquid-tight material by nature. Due to mechanical stress on the surface, it will also damage the loaded areas over time and will give off dust. Without protection, irrevocably there will be stains and liquids, chemicals and dirt will penetrate the surface. Also to better protect the surface against heavy loads it is important to protect the construction.

## COATING OR CAST FLOOR?

Depending on the needs, you can opt to coat the floor or overlay it with a cast floor. A coating forms a solid, uninterrupted, closed, liquid-tight and impermeable film. Cast floors offer the same advantages but are thicker and are therefore more chemically and mechanically resistant. These water-based epoxy systems are used because they adhere well to the substrate, have high impact and wear resistance and are user-friendly in maintenance.

# EPISOL® FLOORLINE GREEN

The system solutions of the EPISOL® FLOORLINE GREEN product line is therefore based on WATER, the most important material for all life forms on our beautiful planet. This is how we strive for products with low emission values that are completely solvent-free. These products comply with the Belgian product emission legislation (2012/0568 / B) (EU CEN / TS 16516). So that we, our children and the future generations can enjoy pure air, free of volatile organic substances.

This leaflet describes the RESIPLAST WATER-BASED EPOXY FLOOR SYSTEMS as a solution to extend the life of your structures and surfaces.

## FIELD OF APPLICATION

- Industrial kitchens
- Food industry
- Parking management and garages
- Industry, chemicals and laboratories
- Pharmaceutical industry
- Commercial and public buildings
- Private applications



# ADVANTAGES

### FOR BUILDING OWNERS AND PATRONS:

- Ecologically responsible systems
- Water-based
- Low emission values, solvent-free
- Sustainable, long service life
- Meets HACCP – after correct execution
- Resistant to high temperatures
- High decorative finish
- Extensive colour palette (RAL & NCS)
- UV-RESISTANT, colourfast
- Easy and quick to clean, maintenance-friendly
- Hygienic
- Suitable for steam cleaning

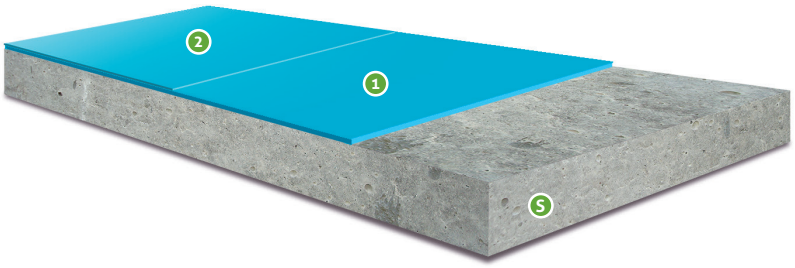
### FOR ARCHITECT, STUDY OFFICES AND INSTALLERS:

- On different surfaces (concrete, tiles,…)
- Can be applied on damp soil.
- Vapor permeable system
- FIRE CLASS $B_{fl}$-s1
- High chemical and biological resistance
- Resistant to impact
- Wear-resistant
- Seamless, also continuous on the baseboard
- Smooth or anti-slip finish
- Non-absorbent surface
- Electrical diversion possibilities (ATEX – EX zone)
- User-friendly
- High efficiency
- Complete system, from primer to top layer
- Very short curing time

# THE SYSTEMS

## EPISOL® FLOORLINE GREEN COATING

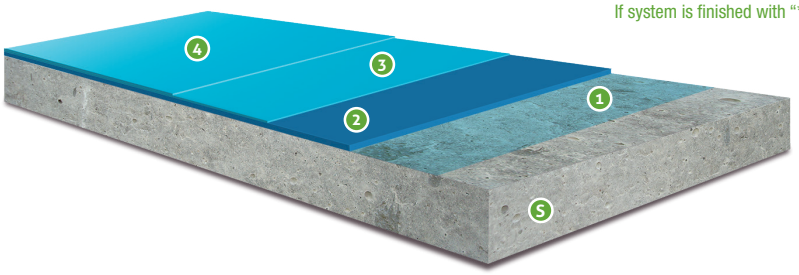
| VAPOR PERMEABLE SYSTEM | | | |
|---|---|---|---|
| **Layer** | | **Product name** | **Consumption** |
| SMOOTH EXECUTION | | | |
| 2 | Top layer | EPISOL® AQ PAINT 2.0 | 300 g/m² |
| 1 | Base layer | EPISOL® AQ PAINT 2.0 | 300 g/m² |
| ANTI-SLIP EXECUTION | | | |
| 2 | Top layer | EPISOL® AQ PAINT 2.0 | 500 to 600 g/m² |
| 1 | Base layer | EPISOL® AQ PAINT 2.0 + broadcasted granulate | 300 g/m² + broadcasted granulate |




## EPISOL® FLOORLINE GREEN 1-2 / 3-4 / 5-6

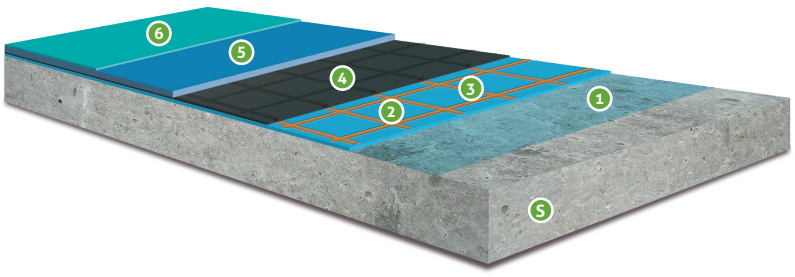
| VAPOR PERMEABLE SYSTEM | | | | | | |
|---|---|---|---|---|---|---|
| **Layer** | | | | | **Product name** | **Consumption** |
| 4 | EP | Top layer matte | | | EPISOL® AQ PAINT 2.0 | 300 g/m² per layer |
| | PU | Top layer matte | Structure | Transparent | EPISOL® PU 43 OP MAT* | 100 g/m² (1 layer) |
| | | | | Colour | EPISOL® PU 43 OP MAT* | 120 g/m² (1 layer) |
| | | | Even | Transparent | EPISOL® PU TOPCOAT WB | 100 g/m² (1 layer) |
| | | | | Colour | EPISOL® PU TOPCOAT WB | 100 g/m² (1 layer) |
| 3 | Floor | | | | EPISOL® SLW 1-2 / 3-4 / 5-6 | 1,8 kg/m² per mm layer thickness |
| 2 | Optional scraping layer | | | | EPISOL® SLW 1-2 | 1,8 kg/m² per mm layer thickness |
| 1 | Primer on dry or slightly damp surfaces | | | | EPISOL® PRIMER WTF | 0,20 kg/m² |
| | Primer on tiles or on a metal surface | | | | | 0,10 kg/m² |

If system is finished with "*" then fire class: $B_{fl}$-s1




## EPISOL® FLOORLINE GREEN EL

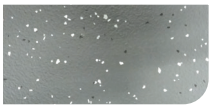
| VAPOR PERMEABLE SYSTEM | | | |
|---|---|---|---|
| **Layer** | | **Product name** | **Consumption** |
| 6 | Conductive topcoat | EPISOL® PU 43 OP MAT + EPISOL® PU 43 OP EL | 100 g/m² to 130 g/m² |
| 5 | Conductive cast floor | EPISOL® SLW EL | 1,5 kg/m²/mm |
| 4 | Conductive intermediate primer | EPISOL® PRIMER EL WB | 100 to 200 g/m² |
| 3 | Conductive copper strips | COPPER STRIPS | |
| 2 | Scraping layer | EPISOL® SLW 1-2 | 1,8 kg/m²/mm |
| 1 | Primer | EPISOL® PRIMER WTF | 100 to 200 g/m² (depending on the substrate) |



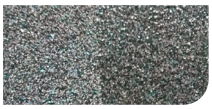

## EXTENSIVE RANGE OF COLOURS AND FINISHES



Finish with coloured top layer



Finish with flakes speckle and transparent top layer



Finish with colour quartz and transparent top layer



Finish with Rhine-sand and coloured top layer

## REFERENCES

**BNP Fortis**
**Pairi Daiza**
**Total**
**BMW**
**Belgacom**
**Novotel**
**Sodexo**

COMPLIES WITH BELGIUM EMISSION LEGISLATION VOC

# YOUR GUARANTEE

Our entire production process - from development to delivery - is strictly controlled according to ISO 9001 standards. Fast delivery times are also crucial. In our production unit in Wommelgem we can quickly process priority orders.

Resiplast is a subsidiary of Koramic Construction Chemicals.

The information in this leaflet is provided in good faith, however without any guarantees. The application, the use and the processing of the products are beyond our control and thus fully belong to the responsibility of the user / processor. Should Resiplast N.V. still be held responsible for incurred damage, the claim will always be limited to the value of the delivered goods. We always strive to deliver goods with constant, high quality. This version replaces all previous versions. Version 1.0 - Date:  February 18, 2020 3:04 pm

MORE THAN 50 YEARS OF INNOVATION 50 YEARS SINCE 1966

bsi. ISO 9001:2015 Quality Management FM 78518

bsi. ISO 14001:2015 Environmental Management

COMPLIANT · COMPLIANT REACH

COMPLIES WITH BELGIUM EMISSION LEGISLATION VOC

Hazard-Analysis Critical-Control-Point HACCP



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