

FLOORING SYSTEM TECHNICAL DATASHEET

RECETEX[®] PARKING F42 UV

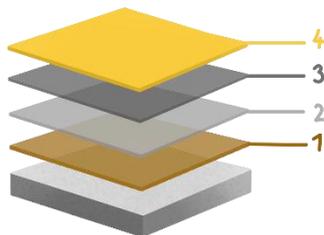
Polyurethane flooring system with flexible membrane designed for car parks

PRODUCT DESCRIPTION

Recetex[®] Parking F42 UV anti-slip polyurethane flooring system for parking garages. It is part of the Recetex[®] Parking product range. Bridges dynamic cracks. Creates a highly durable, seamless, chemically resistant surface that is easy to maintain. Available in many colors. Depending on the selected sand grain size, slip resistance classes R10 to R12 can be achieved. The layer thickness ranges from 4 to 6 mm. For indoor and outdoor use.

SYSTEM INFORMATION

System composition:



1. **Primer**
Recepox Primer FS/WO FS at 0,5 kg/m² + quartz sand broadcast (grain size 0,1-0,6 mm) at 0,5 kg/m²
2. **Membrane**
Recepur Elastic Plus at 1,2 kg/m²
3. **Load-carrying screed layer**
Recepur Coating SL at 0,8 kg/m² + quartz sand broadcast (grain size 0,3-0,8 mm) at 3 kg/m²
4. **Sealing layer**
Recepur Coating SL UV at 0,6 kg/m²

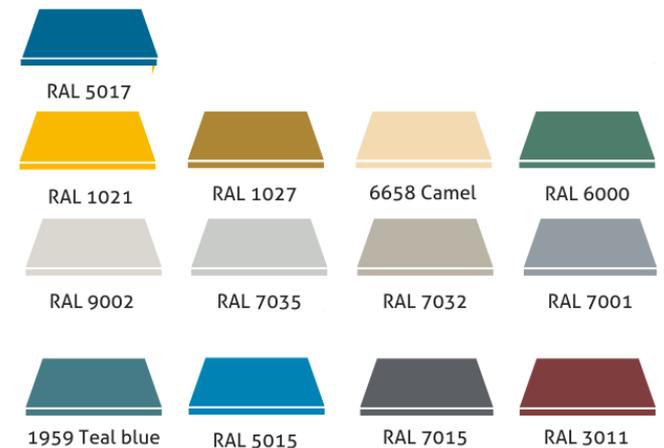
Chemical basis

Polyurethane

Appearance

Textured slip-resistant glossy finish

Color



PRODUCT BENEFITS

- Forms a waterproofing layer
- Dynamic crack bridging
- High mechanical resistance
- Great chemical resistance
- Great abrasion resistance
- Textured glossy surface
- Staining resistance
- Easy to clean and maintain
- Seamless surface
- Slip and skid resistance
- UV resistance
- Scratch resistance
- Easy-to-apply system



Dynamic crack bridging



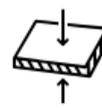
Glossy surface



Solvent FREE



VOC FREE



Thickness 4 - 6 mm

USE AND APPLICATIONS

Recetex® Parking F42 can only be applied by trained applicators.

The system is designed primarily for:

- Horizontal parking spaces
- Ramps
- Car park top decks

ECOLOGY

The system is 100 % polyurethane based, it is solvent free and VOC free

PRODUCT HARMONIZATION

- Declaration of performance according to EN 13813:2003 – Resin screed materials for indoor construction use – Receptox Primer FS, Receptur Elastic Plus, Receptur Coating WB TX.
- Fire reaction class according to ČSN EN 13501-1:2019

APPLICATION CONDITIONS

Product temperature

+10 °C min. / +30 °C max.

Ambient air temperature

+10 °C min. / +30 °C max.

Substrate temperature

+10 °C min. / +30 °C max.

Ambient relative humidity

70 % max.

Dew point

The product must not be applied in environments where there is a risk of water vapor condensation, which could damage the applied product. The temperature difference between the uncured material and the substrate must be at least 3 °C.

Substrate moisture content

≤ 4 wt. % without moisture rising from below the substrate

System is operational:

7 days after full curing at ~ 20 °C

TECHNICAL INFORMATION

Hardness Shore D (DIN 53505)
~65 (14 days/+22 °C)

Abrasion resistance (ČSN EN 13892-4)
≤ AR0,5

Fire reaction class (ČSN EN 13501-1:2019)
E_{fl}

Leaking of corrosive substances (EN 13813)
SR

Leaking of dangerous substances (EN 13813)
Suitable

Impact resistance (ČSN EN ISO 6272-1)
≥ IR1,5

Adhesion (ČSN EN 13892-8)
≥ 2,0

Slip resistance (DIN 51130)
R12

Crack bridging (EN 1062-7)
Class B 4.2 (0°C; -20°C)

UV resistance (ČSN EN ISO 16474)
dE*ab = 1,05 / 168h

ADDITIONAL APPLICATION INFORMATION

The freshly applied system must be protected from moisture, condensation, and water for at least 24 hours after application.

Uncured material reacts when in contact with water (forms foam).

For uniform color, apply Recetex products from the same production batch to each surface.

The product cannot be applied in environments with CO2 concentrations greater than 1,000 ppm.



Dynamic crack bridging



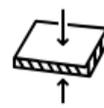
Glossy surface



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SAFETY INSTRUCTIONS

Information and instructions regarding the safe handling, storage, and disposal of chemical products can be found in the current edition of the Safety Data Sheet for each product, which also contains physical, ecological, toxicological, and other data related to the safe use of the product.

NOTES

- If you have any questions about the resistance of the material to a specific chemical, please contact technical support at www.recetex.com
- The technical data contained in this Technical Data Sheet can be expanded or supplemented upon request through technical support at www.recetex.com
- Technical support is available for telephone consultation regarding specific customer requirements, including application support.

LEGAL ANNEX

The information and recommendations for the use and application of Recetex products in this sheet are provided in good faith to end users based on Recetex's current knowledge and experience with these products, used and stored under normal conditions. In practice, due to differences in materials, substrates, and application conditions, no warranty can be inferred from this information, or from information provided in writing or in any other form, regarding the saleability or suitability of the material for its intended use, nor can any liability be inferred from any legal relationship. The user of the product must test in advance whether the product is suitable for the intended use or not. The property rights of third parties must be respected. All orders are accepted in accordance with the applicable Terms and Conditions of Sale and Delivery. Users are always required to familiarize themselves with the current version of the Product Data Sheet for the product in question; a copy of the Product Data Sheet for the product in question will be sent upon request. All technical data provided in this Product Data Sheet is based on laboratory tests. Due to circumstances beyond our control, the actual measured values may differ.



Dynamic
crack
bridging



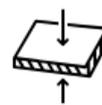
Glossy
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Solvent
FREE



VOC
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Thickness
4 - 6 mm