

RECEPUR COATING SL

Product description

RECEPUR COATING SL is a pigmented two-component polyurethane system that serves as an elastic coating resin. The coating has a glossy finish and is low maintenance. It is a coating material for use in interior building floor constructions.

Application

RECEPUR COATING SL can be used in a variety of flooring systems for a wide range of applications:

- Waterproofing coating
- Filling compound for cracks in concrete substrates
- Coating layer for cracked concrete
- Topcoat for asphalt or other moving substrates

Product benefits

- Optimal working time
- Recoatable
- Permanently elastic
- High relative elongation
- High mechanical resistance
- Resistant to acids and bases
- High overcoating ability
- Low maintenance
- Compatible with all RECEPUR and RECEPOX flooring systems

Material properties

Bulk density: ~1600 kg/ m³

Dry matter content by weight: ~ 100 %

Dry matter content by volume: ~ 100 %

Hardness D-Shore: 65

Relative elongation: 58,5 % (ČSN EN ISO 527-1)

Tensile strength: 6,27 MPa

(ČSN EN ISO 527-1)

Tensile adhesion: > 1,5 N/mm²

(ČSN 74 4505)

Consumption: depends on the type of application

Workability*: 45 min.

Curing time: minimum 12 h

Dynamic viscosity (A+B)**:

~ 1487 mPa.s

Application conditions:

Ambient air temperature: 10-25 °C

Substrate temperature: 10-25 °C

Substrate moisture content: < 4%

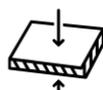
Ambient relative humidity: < 60 %

* 200 g sample

** Anton Paar Method, spindle 6, T = 24,1 °C



Trowel application



Thickness
0,25 - 2 mm



Consumption
0,3-2 kg/m²



VOC
FREE



Solvent
FREE



Glossy
surface



Crack filler

Packaging

RECEPUR COATING SL is supplied in pre-measured containers containing component A (resin) and component B (hardener).

Component A [kg]	27,82
Component B [kg]	8,18
Component A+B [kg]	36,00

The supplied packaging of components A and B ensures the correct mixing ratio for both components. Do not split the components; the units are designed to be mixed completely.

Chemical resistance

Acetic acid 45%	short-term resistant	Acetone	not resistant
Hydrogen peroxide 27%	long-term resistant*	Alcohol 98%	short-term resistant
Formic acid 7,5%	long-term resistant*	Hydrochloric acid 27%	long-term resistant
Nitric acid 40%	short-term resistant*	Sodium hydroxide 50%	long-term resistant
Phosphoric acid 55%	long-term resistant*	Citric acid conc.	long-term resistant
Hydrofluoric acid 18%	long-term resistant*	SAVO Original	long-term resistant

If you need to know the chemical resistance of RECEPUR COATING SL to any not-listed chemical, please consult technical support.

**A colour change might occur.*

Material properties

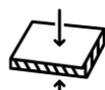
All technical data in the product's technical data sheet are based on laboratory tests. Values may vary depending on ambient conditions, which are beyond our control.

Color

RECEPUR COATING SL is available in selected RAL colorurs. Individual components may individually vary in color/tone. Component A is a liquid of the corresponding RAL color. Component B is a light brown to brown liquid.



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Storage conditions

Store components A and B in a dry place at temperatures between 10-30 °C. Protect from direct sunlight, excessive heat, and frost. When stored in unopened original containers, the product has a shelf life of 2 years from the date of manufacture stated on the label.

Substrate preparation

The material should be applied to a surface free of most impurities, such as dust, grease, paint, waxes etc. When applying the material into cracks in the substrate, the crack must be free of all contaminants.

Mixing

RECEPUR COATING SL is supplied in appropriate quantities of component A and component B. These two components are to be mixed in their entirety. If it is necessary to mix a smaller quantity, component A is mixed with component B in a ratio of 3,4:1. In this case Recetex waives any responsibility for potential defects in the material. Before mixing the components together, each component must be thoroughly stirred. Mixing must be carried out mechanically, using a high-performance slow-speed drill/mixer with a suitable mixing attachment. Mixing must be carried out at a speed of 400-600 rpm for a minimum of 2 minutes.

Application

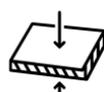
The material must be applied at 10-25 °C, with an ambient relative humidity of maximum 60 % on a pre-treated surface. The material must be applied as soon as possible after mixing. After a longer period of time, due to the large volume of the material, a rapid increase in viscosity and temperature occurs, which makes it impossible to pour and process the material. Adapt the workflow to the actual conditions at the application site. must cure for at least 12 hours before applying the next flooring layer and for at least 7 days before full mechanical or chemical loading.

Recommendation

Apply only under the recommended application conditions. Avoid direct contact with skin and do not inhale vapors. When working with RECEPUR COATING SL, always use the personal protective equipment specified on the product label or in the safety data sheet. Prevent the material from entering the environment and handle the packaging in accordance with environmental protection regulations.



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Notes

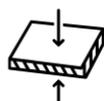
- If you have any questions about resistance to a specific chemical, please contact technical support via www.recetex.com
- The safety data sheet is available on request via www.recetex.com
- Technical support is available for telephone consultation regarding specific customer requirements, including telephone application support.

LEGAL ANNEX

Information and, for the most part, recommendations on the application and use of Recetex products by end users are provided in good faith based on Recetex's existing knowledge and experience with these products, assuming proper storage, handling and use under normal conditions in accordance with Recetex's recommendations. In practice, no warranty of merchantability or fitness for any particular purpose or any liability arising from any legal relationship can be inferred from this information or from any written advice or other advice given, given the differences in materials, background and actual conditions on the ground. The user of the product must test beforehand whether the product is suitable for the intended use and purpose. Recetex reserves the right to change the characteristics of its products. The property rights of third parties must be respected. All orders are accepted in accordance with the Terms and Conditions of Sale and Delivery as amended. Users are always obliged to consult the latest version of the product data sheet for the product in question, a copy of which will be sent on request.



Trowel
application



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