

RECEPUR ELASTIC SL

Product description

RECEPUR ELASTIC SL is a polyurethane two-component pigmented system that serves as a flexible COATING resin. It has glossy finish and requires little maintenance. This material is intended for interior construction applications.

Application

RECEPUR ELASTIC SL can be used in many different applications:

- Filling of cracks in concrete materials
- Waterproofing coating
- Coating layer for cracked concrete
- Penetration layer for asphalt or other flexible surfaces

Product benefits

- Optimal processing time
- Permanently and highly elastic
- Excellent chemical resistance
- Mechanical resistance
- Dampens vibrations in passages when used in expansion blocks
- Compatible with all RECEPOX and RECEPUR series products

Material properties

Bulk density: ~1 600 kg/m³

Dry matter content by weight: ~ 100 %

Dry matter content by volume: ~ 100 %

HardnessShore-A: 72

Elongation at UTS: 40,7 %

(ČSN EN ISO 527-1)

Tensile adhesion: > 1,5 N/mm²

(ČSN 74 4505)

Consumption: 0,3-1,0 kg/m²

Workability*: 45 min.

Curing time: min. 12 hours

Dynamic viscosity (A+B)**: ~ 1500 mPa.s

Application conditions:

Ambient air temperature: 10-25 °C

Substrate temperature: 10-25 °C

Moisture content of the substrate: < 4%

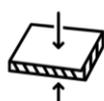
Ambient relative humidity: < 60 %

* 200g sample

** Anton Paar method, spindle 6, at 21,9 °C



Roller application



Thickness
0,25 mm



Consumption
0,3 -1,0 kg/m²



VOC
FREE



Solvent
FREE



Glossy
surface



Crack filler

Packaging

RECEPUR ELASTIC SL is packed in suitable containers. The containers content component A and component B.

Component A [kg]	30,0
Component B [kg]	6,0
Component A+B [kg]	36,0

The proportions of component A and component B are prepared for mixing the whole amount of both components.

Material properties

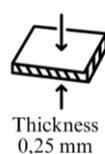
All technical data in the product data sheet are based on laboratory tests. Values may vary depending on ambient conditions, which are beyond our control.

Colour

RECEPUR ELASTIC SL is available in RAL 7001 color. The colors of the individual components may vary individually. Component A is the fluid colored RAL 7001. Component B is a light brown to brown fluid.

Storage conditions

Components A and B should be stored in a dry environment in a temperature range of 10 to 30 °C. Protect for excessive heat and do not expose components to frost. Shelf life is 2 years from the date of manufacture indicated on the product packaging, in the original intact packaging under storage conditions.



Surface preparation

The material should be applied on a clean and dry substrate free of all impurities such as dust, oily substances, paints, waxes, etc.

Mixing

RECEPUR ELASTIC SL is supplied in appropriate quantities of component A and component B. These two components are mixed in the whole amount. If it is necessary to mix a smaller quantity, component A is mixed with component B in a ratio of 5:1. In the case of this mixing method, Recetex is not responsible for any defects in the material. Before the mixing process, it is necessary to mix the component A. 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 minimum of 2 minutes.

Application

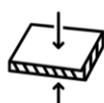
The material must be applied at 10-25 °C, with an ambient relative humidity of up to 60 % on a pre-prepared surface. The material must be applied within 10 minutes. After a longer time, due to the large volume of material, a rapid increase in viscosity and temperature occurs, which makes it impossible to pour and overflow the material and its subsequent application. Adapt the work procedure to the actual conditions at the application site. RECEPUR ELASTIC SL must cure for at least 24 hours before the next layer is applied. After 2 days the material is fully matured and able to carry the full load.

Recommendation

Apply only in recommended application conditions. Avoid direct contact of the material with the skin and do not inhale fumes. When working with RECEPUR ELASTIC SL always use the safety equipment specified on the manufacturing label or safety data sheet. Avoid leakage of material into the environment and handle packaging in accordance with environmental regulations.



Roller application



Thickness
0,25 mm



Consumption
0,3 -1,0 kg/m²



VOC
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Solvent
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Glossy
surface



Crack filler

Notes

- If you have 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 a 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.

