

RECEPUR SEAMLASTIC

Product description

RECEPUR SEAMLASTIC is a two-component polyurethane system that serves as a flexible potting resin. After curing, the material forms dimensionally stable elastic layer.

Application

RECEPUR SEAMLASTIC is mainly designed as a pouring polyurethane resin for casting concrete expansion joints.

Product benefits

- Optimal processing time
- Available in selected RAL Colors
- Overcoating ability
- Permanently elastic
- Excellent chemical resistance
- Color stability
- Mechanical resistance
- Compatible with all Recetex floor systems

Material properties

Bulk density: ~1 300 kg/m³

Dry matter content by weight: ~ 100%

Dry matter content by volume: ~ 100%

Hardness Shore-A: 80

Elongation at UTS: 58,20%

(ČSN EN ISO 527-1)

Tensile strength: 3,25 MPa

(ČSN EN ISO 527-1)

Tensile adhesion: > 1,5 N/mm²

(ČSN 74 4505)

Consumption: depends on application

Workability*: 12 min

Curing time: min. 24 hours

Application conditions:

Ambient air temperature: 10-25 °C

Substrate temperature: 10-25 °C

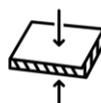
Moisture content of the substrate: < 4%

Relative humidity: < 60 %

* 200g sample



Spatula application



Thickness 20 mm



VOC FREE



Solvent FREE



Expansion joints

Packaging

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

Component A [kg]	1,83
Component B [kg]	0,67
Component A+B [kg]	2,5

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.

Color

RECEPUR SEAMLASTIC is available in selected RAL colors. The colors of the individual components may vary individually. Component A is a liquid of the corresponding RAL color. Component B is a light brown to brown liquid.

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 1 year 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 SEAMLASTIC 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 2,75:1. 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 mixing. 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 flow to the actual conditions at the application site. RECEPUR SEAMLASTIC must cure for at least 24 hours before the next layer is applied and for at least 48 hours before full mechanical loading.

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 SEAMLASTIC 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.



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

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