

# RECEPUR SEAMLASTIC XL

## Product description

RECEPUR SEAMLASTIC XL is a polyurethane two-component pigmented system that serves as a flexible potting resin. Once cured, the material forms a dimensionally stable elastic layer and acts as a liquid joint replacing conventional expansion block joints. The material can be filled with 30% filler

## Application

RECEPUR SEAMLASTIC XL is primarily intended as a pouring polyurethane resin for casting concrete elements. Other possible uses:

- Filling of expansion joints
- Waterproofing coating

## Product benefits

- Shorter processing and curing time
- Permanently elastic
- Excellent acid and base resistance
- Recoatable
- Mechanical resistance
- Dampens vibrations in passages when used in expansion blocks
- Compatible with all Recetex floor systems. Recommended to be used in combination with rapid penetration
- Can be filled with up to 30 % with fine filler (GEBA FG etc.)

## Material properties

Bulk density: ~1650 kg/m<sup>3</sup>

Dry matter content by weight: ~ 100 %

Dry matter content by volume: ~ 100 %

Hardness D-Shore: 65

Elongation at UTS: 61,5 (57,0\*) %  
(ČSN EN ISO 527-1)

Tensile strength: 4,54 (3,85\*) MPa  
(ČSN EN ISO 527-1)

Tensile adhesion: > 1,5 N/mm<sup>2</sup>  
(ČSN 74 4505)

Consumption: depends on joint size

Workability\*: 12 min.

Curing time: minimum of 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%

Relative humidity: < 60 %

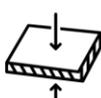
\* when filled with 30 % of GEBA FG

\*\* 200 g sample

\*\*\* Anton Paar method, spindle 6, at 24,1 °C



Casting resin



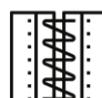
Thickness 3 - 6 mm



VOC FREE



Solvent FREE



Liquid seam

## Packaging

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

Component A [kg]	8,0
Component B [kg]	2,0
Component A+B [kg]	10,0

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 SEAMLASTIC XL is available in grey color. The colors of the individual components may vary individually. Component A is a grey fluid. Component B is a light brown to brown fluid. Color can be further altered, thanks to the light color tone of RECEPUR SEAMLASTIC XL, using suitable pigments. Always test the suitability of the pigment beforehand on a small sample.

## 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 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. We recommend to prime the surface with RECEPOX RS before applying RECEPUR SEAMLASTIC XL.

## Mixing

RECEPUR SEAMLASTIC XL 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 4:1. 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 SEAMLASTIC XL must cure for at least 12 hours before the next layer is applied. After 7 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 SEAMLASTIC XL 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](http://www.recetex.com)
- The safety data sheet is available on request via [www.recetex.com](http://www.recetex.com)
- Technical support is available for telephone consultation regarding specific customer requirements, including telephone application support.

## LEGAL ANNEX

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