

# RECEPOX PRIMER WO

## Product description

RECEPOX PRIMER WO is a two-component epoxy resin designed for priming wet and oil-contaminated substrates. It is a universal resin intended for application directly on the substrate. The product is used mainly for deep priming. The product is designed for interior flooring construction.

## Application

RECEPOX PRIMER WO can be used in a variety of flooring systems for a wide range of applications:

- Excellent adhesion on most substrates, even wet and greasy concrete
- Suitable for deep priming
- Specifically designed for concrete, cementitious screeds and epoxy polymer-mortar
- Suitable as a primer for RECEPOX products
- Roller application

## Product benefits

- Good substrate priming
- Short curing time
- Enables deep priming of the substrate
- Effortless application
- Excellent adhesion to wet and greasy substrates
- Optimal processing time/workability
- Compatible with all RECEPOX products

## Material properties

Bulk density: ~1200 kg/m<sup>3</sup>

Dry matter content by weight: ~ 100 %

Dry matter content by volume: ~ 100 %

Hardness D-Shore: 74

Flexural strength: 77,5 MPa

(ČSN EN 196-1)

Tensile adhesion: > 1,5 N/mm<sup>2</sup>

(ČSN 74 4505)

Consumption: 0,1- 0,5 kg/m<sup>2</sup>

Workability\*: 15-20 min.

Curing time: minimum 24 hours

Dynamic viscosity (A+B)\*\*: 700 mPa.s

### Application conditions:

Ambient air temperature: 15-25 °C

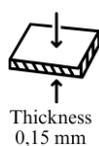
Substrate temperature: 15-25 °C

Substrate moisture content: < 4%

Ambient relative humidity: < 60 %

\* 200 g sample

\*\* Anton Paar method, spindle 3, T = 22 °C



## Packaging

RECEPOX PRIMER WO is supplied in pre-measured containers containing component A (resin) and component B (hardener).

Component A [kg]	21,67
Component B [kg]	8,33
Component A+B [kg]	30,00

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.

## 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.

## Heat resistance

Load*	Dry heat
Permanent	+ 50 °C
Short-time max. 7 days	+ 80 °C
Short-time max. 12 hours	+ 100 °C

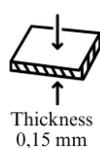
\*without simultaneous chemical and mechanical loading

## Color

RECEPOX PRIMER WO is clear, slightly brownish after curing. The colors of the individual components may slightly vary individually. Component A is a transparent fluid. Component B is a transparent, lightly brown fluid.

## Storage conditions

Store components A and B in a dry place at temperatures between 15 °C and 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. The surface must be free of any moisture rising from below (ground water etc.)

## Mixing

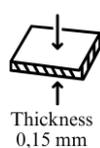
RECEPOX PRIMER WO is supplied in appropriate quantities of component A and component B. These two components are to be mixed in their entirety. If it is necessary to mix a smaller quantity, component A is mixed with component B in a ratio of 2,6:1. In this case Recetex waives any responsibility for potential defects in the material. 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 15-25 °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. RECEPOX PRIMER WO must cure for at least 24 hours before the next layer is applied, however, longer curing time may reduce the adhesion of the next layer. After 7 days the material is fully cured and able to carry the full load.

## Recommendation

Apply only in a dry environment at recommended application conditions, and do not apply on excessively porous substrates. Avoid direct skin contact and do not inhale fumes/mist/aerosol/etc. When working with RECEPOX PRIMER WO always use personal protection equipment specified on the manufacturing label or in the safety data sheet. Avoid leakage of the material into the environment and handle packaging in accordance with environmental regulations.



## Notes

- If you have questions about the material's resistance to a specific chemical, please contact our 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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