

RECEPOX PRIMER TX

Product description

RECEPOX PRIMER TX is two-component epoxy resin designed for priming dry and clean surfaces. It is a resin specifically designed for porous, clean substrates. RECEPOX PRIMER TX is a material intended for interior flooring constructions.

Application

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

- Primer for dry porous substrate
- Roller-applied

Product benefits

- Short curing time
- Suitable for porous substrates
- Effortless application
- Excellent adhesion to most substrates
- Optimal processing time/workability
- Compatible with all RECEPOX products

Material properties

Bulk density: ~1 200 kg/m³

Dry matter content by weight: ~ 100 %

Dry matter content by volume: ~ 100 %

Hardness D-Shore: 75

Flexural strength: 86,95 MPa

(ČSN EN 196-1)

Compressive strength: 52,31 MPa

(ČSN EN ISO 604)

Tensile adhesion: > 1,5 N/mm²

(ČSN 74 4505)

Consumption: 0,2-0,5 kg/m²

Workability *: 34 min.

Curing time: minimum 24 hours

Application conditions:

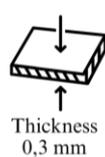
Ambient air temperature: 15-25 °C

Substrate temperature: 15-25 °C

Substrate moisture content: < 4%

Relative humidity: < 60 %

* 200 g sample



Packaging

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

Component A [kg]	20,60
Component B [kg]	9,40
Component A+B [kg]	30

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

Colour

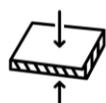
RECEPOX PRIMER TX has a clear finish after curing. The colors of the individual components may vary individually. Component A is a milky white fluid. Component B is a transparent fluid of light brown color.

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.



Roller application



Thickness
0,3 mm



Consumption
0,2-0,5 kg/m²



VOC
FREE



Solvent
FREE



Thixotropic

Surface preparation

The material should be applied to a surface free of most impurities, such as dust, grease, paint, waxes etc. In case of dirty or damp substrate, it is recommended to use a product designed for this purpose, namely RECEPOX PRIMER WO or RECEPOX PRIMER WO TX.

Mixing

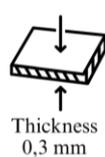
RECEPOX PRIMER TX is supplied in appropriate quantities of component A and component B. These two components are to be mixed in their entirety. If it is necessary to mix a smaller quantity, component A is mixed with component B in a ratio of 2,2:1. In this case Recetex waives any responsibility for potential 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 TX 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 contact of the material with the skin and do not inhale fumes. When working with RECEPOX PRIMER TX 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 the material's resistance to a specific chemical, please contact our 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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