

# RECEPOX COATING WB TX

## Product description

RECEPOX COATING WB TX is a two-component, epoxy, waterborne coating, designed as a finishing topcoat. Available in selected RAL colors. It is a screed material designed for interior flooring construction.

## Application

RECEPOX COATING WB TX can be used in conjunction with a variety of flooring systems in a wide range of applications:

- Roller-applied
- Finely structured surface
- Thin-layer application
- Thixotropic character
- Topcoat for all RECEPOX series products

## Product benefits

- Improved UV resistance (in comparison with other epoxy products)
- High mechanical resistance
- High opacity
- Short curing time in thin layer
- Long processability in volume
- Effortless application
- Excellent compatibility with all RECEPOX products
- Allows for application in higher humidity or lower temperatures
- Carbamation and amine-blush resistant

## Material properties

Bulk density: ~1 600 kg/m<sup>3</sup>

Dry matter content by weight: ~ 70 %

Dry matter content by volume: ~ 60 %

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

Consumption: 0,3-0,5 kg on m<sup>2</sup>

Workability \*: > 2 hours

Scratch resistance \*\*\*: 18 N/mm<sup>2</sup>

Abrasion resistance: 0,294 kg/μm  
(ČSN 67 3083)

Curing time: minimum of 24 hours

Dynamic viscosity (AB)\*\*: ~ 2 000 mPa.s

### Area of applicability:

Ambient air temperature: 10-25 °C

Substrate temperature: 10-25 °C

Substrate moisture content: < 4%

Ambient relative humidity: < 60 %

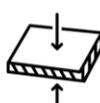
\* In volume, in thin film 40 min.

\*\* Anton Paar method, spindle 6, 22 °C

\*\*\* Determined by TQC sheen hardness test pro



Roller application



Thickness  
0,2 mm



Consumption  
0,3-0,5 kg/m<sup>2</sup>



VOC  
FREE



Solvent  
FREE



Matte  
surface



Thixotropic



Increased  
UV stability

## Packaging

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

Component A [kg]	25,16
Component B [kg]	4,84
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

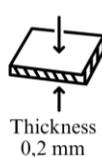
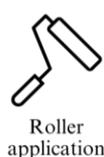
\*Without simultaneous chemical and mechanical loading

## Colour

RECEPOX COATING WB TX is available in selected RAL colors. The colours of the individual components may vary individually. Component A is a pigmented fluid. Component B is a transparent fluid.

## Storage conditions

Store components A and B in a dry place at temperatures between 10 °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 6 months from the date of manufacture stated on the label.



## Surface preparation

The material should be applied to a surface free of most impurities, such as dust, grease, paint, waxes etc. In case of a dirty or damp substrate, prior priming using RECEPOX PRIMER WO or RECEPOX PRIMER WO TX is highly recommended.

## Mixing

RECEPOX COATING WB 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 5,2:1. 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 500-700 rpm for a minimum of 3 minutes to achieve the emulsification of the two components.

## Application

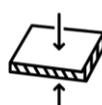
The material must be applied at 10-25 °C, with an ambient relative humidity of maximum 70 % on a pre-treated surface. The material must be applied in less than 2 hours after mixing. After a longer period of time, due to the large volume of the material, a rapid increase in viscosity and temperature occurs, which makes it impossible to pour and process the material. Adapt the workflow to the actual conditions at the application site. RECEPOX COATING WB TX must cure for at least 2 hours before the next layer is applied, however, longer curing time may reduce the adhesion of the next layer. After 12 hours the material is able to be walked on, and 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. Avoid direct skin contact and do not inhale fumes/mist/aerosol/etc. When working with RECEPOX COATING WB TX 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.



Roller application



Thickness  
0,2 mm



Consumption  
0,3-0,5 kg/m<sup>2</sup>



VOC  
FREE



Solvent  
FREE



Matte  
surface



Thixotropic



Increased  
UV stability

## Notes

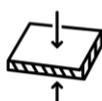
- If you have any questions about resistance to a specific chemical, please contact technical support via [www.recetex.com](http://www.recetex.com)
- The safety data sheet is available on request via [www.recetex.com](http://www.recetex.com)
- Technical support is available for telephone consultation regarding specific customer requirements, including telephone application support.

## LEGAL ANNEX

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Roller application



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