

RECEPUR COATING WB TX

Product description

RECEPUR COATING WB TX is a two-component, epoxy, waterborne coating, designed as a finishing topcoat. Available in selected RAL colours. It is a coating material for use in interior building floor constructions.

Application

RECEPUR COATING WB TX can be used in a variety of flooring systems for a wide range of applications:

- Top coat for RECEPOX and RECEPUR products
- Coating for applications, where the surface is exposed to weather conditions and UV.
- Roller-applied
- Finely structured surface
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Product benefits

- Very high UV resistance
- High mechanical resistance
- High overcoating ability
- Short curing time in thin layers
- Long processability in larger volume
- Effortless application
- Excellent compatibility with all RECEPOX and RECEPUR products
- Allows for application in higher humidity or lower temperatures

Material properties

Bulk density: ~1 600 kg/m³

Dry matter content by weight: ~ 70 %

Dry matter content by volume: ~ 60 %

Tensile adhesion: > 1,5 N/mm²
(ČSN 74 4505)

Consumption: 0,2-0,4 kg/m²

Workability *: > 2 hours

Scratch resistance ***: 18 N/mm²

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

Curing time: minimum 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 %

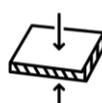
* value for a larger volume, in a thin film = 40 min.

** Anton Paar method, spindle 6, T = 22 °C

*** TQC Sheen Hardness test



Roller application



Thickness 0,2 mm



Consumption 0,3-0,5 kg/m²



VOC FREE



Solvent FREE



Matte surface



Thixotropic



Increased UV stability

Packaging

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

Component A [kg]	27,00
Component B [kg]	3,00
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

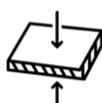
RECEPUR COATING WB TX is available in selected RAL colors. The colors of the individual components may slightly vary individually. Component A is a pigmented fluid of the selected color. Component B is a transparent fluid.

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.



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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

RECEPUR 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 9:1. 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 5 minutes to achieve the emulsification of the two components.

Application

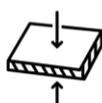
The material must be applied at 10-30 °C, with an ambient relative humidity of maximum 70 % on a pre-treated surface. The material must be applied in less than 2 hours after mixing. After a longer period of time, due to the large volume of the material, a rapid increase in viscosity and temperature occurs, which makes it impossible to pour and process the material. Adapt the workflow to the actual conditions at the application site. RECEPUR 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 RECEPUR 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.



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Notes

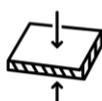
- If you have any questions about resistance to a specific chemical, please contact technical support via www.recetex.com
- The safety data sheet is available on request via www.recetex.com
- Technical support is available for telephone consultation regarding specific customer requirements, including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

LEGAL ANNEX

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