

RECEPUC PRIMER TX

Product description

RECEPUC PRIMER TX is a three-component polyurethane cement compound designed for substrate priming. The material is resistant to thermal cycling and highly mechanically resistant. This material is intended for interior flooring construction applications.

Application

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

- Application on both wet and dry surfaces
- Suitable for applications in areas exposed to chemicals
- Suitable for application in areas with elevated humidity or exposed to temperature changes
- Also suitable for areas with alternating temperature cycles

Product benefits

- Excellent chemical resistance
- High mechanical resistance
- Excellent adhesion
- Suitable for wet substrates
- Optimal processing time/workability

Material properties

Bulk density: ~1 500 kg/m³

Dry matter content by weight: ~ 90 %

Dry matter content by volume: ~ 90 %

Hardness D-Shore: 76

Flexural strength***: 18,12 MPa
(ČSN ISO 178)

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

Consumption: 0,3-0,5 kg/m²

Workability*: 19 min.

HDT after 5 days: 58,55 °C (ČSN EN ISO 75-1)

HDT after 30 days: 66,2 °C (ČSN EN ISO 75-1)

Curing time: minimum 24 hours

Dynamic viscosity (A+B)**: ~ 3750 mPa.s

Application conditions:

Ambient air temperature: 10-25 °C

Substrate temperature: 10-25 °C

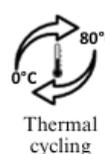
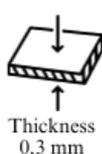
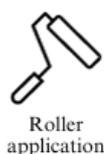
Substrate moisture content: > 4%

Ambient relative humidity: < 60 %

* 200g sample

** Anton Paar method, spindle 3

*** After 7 days



Packaging

RECEPUC PRIMER TX is supplied in pre-measured containers containing component A, component B and component C.

Component A [kg]	3,52
Component B [kg]	2,40
Component C [kg]	5,58
Component A+B [kg]	11,50

The supplied packaging of components A, B and C ensures the correct mixing ratio for all 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.

Color

RECEPUC PRIMER TX is brown-yellow after curing. The colors of the individual components may vary individually. Component A is a milky white liquid. Component B is a light brown to brown liquid. Component C is a reactive filler in the form of a white powder.

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 1 year from the date of manufacture stated on the label.



Surface preparation

The material should be applied on a clean surface, which must be free of all impurities such as dust, oily substances, paints, waxes, etc. RECEPUC PRIMER TX is also suitable for wet (but dry to the touch) surfaces.

Mixing

All three components must be mixed before application. RECEPUC PRIMER TX is supplied in appropriate quantities of component A, B and C. In a first step, component A is mixed with component B, and component C is then mixed into the mixture thus prepared. The three components are mixed in their whole quantity. If it is necessary to mix a smaller quantity, component A is mixed with component B in a ratio of 30,63:20,86:48,49. In the case of this mixing method, Recetex is not responsible for any 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 minimum of 2 minutes.

Application

The material must be applied at 10-25 °C, with an ambient relative humidity of maximum 75 % 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. RECEPUC PRIMER TX must cure for at least 12 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 recommended application conditions. Avoid direct contact of the material with the skin and do not inhale fumes. When working with RECEPUC 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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