

RECEPUR EXTRA MATT

Product description

RECEPUR EXTRA MATT is a two component waterborne PU coating designed to achieve a matte surface. Thanks to its high crosslinking density it is more resistant to disinfectants and abrasion. It is a screed material intended for interior flooring construction.

Application

RECEPUR EXTRA MATT can be used in conjunction with various flooring systems for a wide range of applications:

- Offices
- Labs
- Residential homes
- Possible to apply in areas with increased humidity

Product benefits

- Effective in creating matte surface
- Low consumption
- Resistant to most disinfectants
- Increased UV resistance
- Compatible with all RECEPUR and RECEPOX series products
- Excellent adhesion to wood and metal
- No solvent odor
- Low VOC
- Effortless application

Material properties

Bulk density: ~1100 kg/m³

Dry matter content by mass: ~ 60 %

Dry matter content by volume: ~ 60 %

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

Consumption: 0,1 – 0,15 kg/m²

Scratch resistance*: 16 N (ČSN EN ISO 1518-1)

Workability**: minimum 120 min.

MFFT: 5 °C

Drying time at 22 °C: 1–3 h

Curing time: minimum 72 h

Dynamic viscosity (A+B)***: ~ 450 mPa.s

Gloss (60°): < 10

Application conditions:

Ambient air temperature: 10-25 °C

Substrate temperature: 10-25 °C

Substrate moisture content: < 4%

Relative air humidity: < 70 %

* indentor HM0,75

** 200 g sample

*** Anton Paar method, spindle 3, 23 °C



Aplikace
válečkem



Tloušťka
0,1 mm



Spotřeba
0,1-0,15 kg/m²



Matný
povrch



Rychlý
systém

Packaging

RECEPUR EXTRA MATT is packaged in suitable containers. The package contains component A (resin) and component B (hardener).

Složka A [kg]	9,09	4,55
Složka B [kg]	0,91	0,45
Složka A+B [kg]	10,0	5,0

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

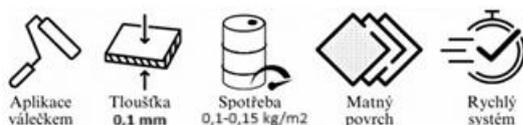
All technical data in the product's technical datasheet are based on laboratory tests. Values may vary depending on

Color

RECEPUR EXTRA MATT is white and transparent after curing. The colors of the individual components may vary individually. Component A is a milky white liquid. Component B is a transparent liquid.

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 substrate must be sanded with a renovation pad before applying RECEPUR EXTRA MATT. After sanding, the substrate must be vacuumed and wiped with clean water to remove even the finest impurities. The material must be applied to a clean and dry substrate, which must be free of all impurities such as dust, oil substances, paints, waxes, and the like.

Mixing

RECEPUR EXTRA MATT is a two-component water-based polyurethane coating designed to achieve a matte surface appearance. It is supplied in the appropriate quantities of component A and component B. These two components are mixed in their entirety. If a smaller quantity is required, the components are mixed in a ratio of 10:1, but Recetex is not responsible for any material defects. Before mixing the components, it is necessary to mix the individual components. Mixing is done mechanically by shaking. Components A and B must be mixed for at least 3 minutes at a maximum speed of 400 rpm. Components A and B must not be mixed with high shear forces, otherwise lumps will form in the material.

Application

The material must be applied in an environment between 10 and 25 °C, with ambient relative humidity up to 70%, to a prepared surface. The material must be applied as soon as possible after mixing. After a longer period of time, the large volume of material causes an increase in viscosity, which makes it impossible to pour and transfer the material and subsequently apply it. Adapt the working procedure to the current conditions at the installation site. The material is fully cured after 3 days and capable of bearing full loads.

Recommendation

Apply only under the recommended application conditions. Avoid direct contact with skin and do not inhale vapors. When working with RECEPUR EXTRA MATT, always use the safety equipment listed on the product label or in the safety data sheet. Prevent material from escaping into the environment and handle the packaging in accordance with environmental protection regulations. The material may contain small agglomerates due to the reaction of the resin with air. These agglomerates can be prevented by suitable storage conditions, proper handling, or by pouring the resin through a fine sieve.



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

Information and, for the most part, recommendations on the application and use of Recetex products by end users are provided in good faith based on Recetex's existing knowledge and experience with these products, assuming proper storage, handling and use under normal conditions in accordance with Recetex's recommendations. In practice, no warranty of merchantability or fitness for a particular purpose or any liability arising from any legal relationship can be inferred from this information or from any written advice or other advice given, given the differences in materials, background and actual conditions on the ground. The user of the product must test beforehand whether the product is suitable for the intended use and purpose. Recetex reserves the right to change the characteristics of its products. The property rights of third parties must be respected. All orders are accepted in accordance with the Terms and Conditions of Sale and Delivery as amended. Users are always obliged to consult the latest version of the product data sheet for the product in question, a copy of which will be sent on request.

