

RECEPOX PRIMER WO FS

Product description

RECEPOX PRIMER WO FS is a filled, two-component epoxy resin, designed for priming wet and oil-contaminated surfaces. It is a universal resin intended for direct application to the substrate. The product is designed for interior flooring construction.

Application

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

- Excellent adhesion on wet and dirty surfaces
- Roller or trowel-applied
- It can be used as a penetration layer under RECEPOX series materials
- Penetration of concrete substrates and cement screeds.

Product benefits

- Economic material
- Good priming ability
- Short curing time
- Enables deep priming and sealing of the substrate
- Effortless application
- Excellent adhesion to wet and greasy surfaces
- Optimal processing time/workability
- Compatible with all RECEPOX series products
- Possible to fill with up to 50 wt.% fine sands (GEBÄ, etc.)

Material properties

Bulk density: ~1500 kg/m³

Dry matter content by weight: ~ 100 %

Dry matter content by volume: ~ 100 %

D-Shore: 74

Bending tensile strength: 77,47 MPa
(ČSN EN 196-1)

Adhesion strength: > 1,5 N/mm²
(ČSN 74 4505)

Consumption: 0,1- 0,5 kg on 1 m²

Processability *: 15-20 min.

Curing time: minimum of 24 hours

Dynamic viscosity (A+B)**: 2000 mPa.s

Application conditions:

Ambient air temperature: 15-25 °C

Base temperature: 15-25 °C

Moisture content of the base: < 4%

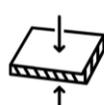
Relative humidity: < 60 %

* Measured samples weighing 200 g

** Measured by the Anton Paar method, spindle 3, at temperature 29,9 °C



Roller application



Thickness 0,15 mm



Consumption 0,1-0,5 kg/m²



VOC FREE



Solvent FREE



On wet and greasy surfaces

Packaging

RECEPOX PRIMER WO FS is packed in suitable containers. The containers content component A and component B.

Component A [kg]	25,74
Component B [kg]	4,76
Component A+B [kg]	30,00

The proportions of component A and component B are prepared for mixing the whole amount of both components.

Material properties

All technical data in the product 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

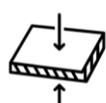
After curing, RECEPOX PRIMER WO FS is glossy and brown. The colours of the individual components may individually have a slight undertone. Component A is a brown fluid. Component B is a transparent fluid of light brown colour. Colour of material can be further altered using suitable powder pigments.

Storage conditions

Components A and B should be stored in a dry environment in a temperature range of 15 to 30 °C. Protect for excessive heat and do not expose components to frost. Shelf life is 2 years from the date of manufacture indicated on the product packaging, in the original intact packaging under storage conditions.



Roller application



Thickness
0,15 mm



Consumption
0,1-0,5 kg/m²



VOC
FREE



Solvent
FREE



On wet and
greasy
surfaces

Surface preparation

The material should be applied on a bedding, which should be free of most impurities, such as dust, grease, paint, waxes etc. The bedding must be free of any moisture, rising from underneath (ground water etc.).

Mixing

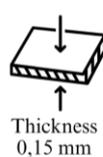
RECEPOX PRIMER WO FS is supplied in appropriate quantities of component A and component B. These two components are mixed in the whole amount. If it is necessary to mix a smaller quantity, component A is mixed with component B in a ratio of 5,3:1. In the case of this mixing method, Recetex is not responsible 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. Prospective addition of pigments should be performed when mixing components A and B, additional fillers can be added only after mixing both components.

Application

The material must be applied at 15-25 °C, with an ambient relative humidity of up to 60 % on a pre-prepared surface. The material must be applied as soon as possible after mixing. After a longer time, due to the large volume of material, a rapid increase in viscosity and temperature occurs, which makes it impossible to pour and overflow the material and its subsequent application. Adapt the work procedure to the actual conditions at the application site. RECEPOX PRIMER WO FS 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 matured 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 surfaces. Allow the material to cure for at least 24 hours at 20 °C and below 60 % humidity before further intervention in the material. Avoid direct contact of the material with the skin and do not inhale fumes. When working with RECEPOX PRIMER WO FS 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

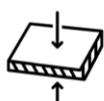
- If you have questions about resistance to a specific chemical, please contact technical support via www.recetex.com
- The safety data sheet is available on request via www.recetex.com
- Technical support is available for telephone consultation regarding specific customer requirements, including telephone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

LEGAL SUPPLEMENT

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.



Roller
application



Thickness
0,15 mm



Consumption
0,1-0,5 kg/m²



VOC
FREE



Solvent
FREE



On wet and
greasy
surfaces