

# Rubio® EASYPRIMER 2C EPOXY | PRIMER + MOISTURE BARRIER

## PRODUCT DESCRIPTION

Rubio® EasyPrimer 2C Epoxy is a high-quality water-based two-component epoxy primer. This primer is almost odourless and contains no VOCs. In one layer, the primer can be used as a screed hardener for poor quality substrates. From the second layer, it acts as a moisture barrier. Rubio® EasyPrimer 2C Epoxy is compulsory when used on screeds with underfloor heating as well as granulating and anhydrite screeds and when renovating existing floors with old residual adhesive. Both components are coloured, so that it can easily be checked visually whether both components have been mixed well. Both components have a low viscosity, so that they can easily be mixed. After mixing, the primer (Rubio®) will turn green. The specific colour also makes it easy to see where the primer has already been applied.

## PRODUCT INFORMATION

### › Unique characteristics

1. 0% VOC.
2. Consists of 2 components (Comp. A and Comp. B).
3. Suitable for underfloor heating.
4. Low viscosity.
5. Simple 1:1 mixture.
6. Dries fast.
7. Acts as a bonding additive and fixative.
8. For anhydrite screeds and renovation of old floors with adhesive residues.
9. In one layer, it can be used as a screed hardener for poor quality substrates.  
In two layers, it serves as a moisture barrier.

### › Technical characteristics

**Chemical basis:** Epoxy

**Physical state:** Liquid

**Colour:** Component A: green / Component B: dark grey / Components A+B: dark green

**Odour:** Almost odourless

**Density:** Component A: 1.07 kg/L - Component B: 1.07 kg/L

**Resistance/Viscosity:** Comp. A: 660 cps (centipoise, measured at 20 rpm, spindle 2) / Comp. B: 1625 cps (centipoise, measured at 20 rpm, spindle 3)

**Open time:** Approx. 1 hour. Make optimal use of the open time by mixing comp. A + comp. B only after preparing the substrate so that the primer can be applied immediately after mixing.

**Drying time/curing speed:** The substrate can be walked on after 2 to 4 hours; this time varies based on the porosity of the substrate and the climatic conditions.

**Processing temperature:** Between 10 °C - 25 °C

**Tools:** Apply using a brush, block brush or primer roller.

**pH:** 9.5-10.5

**Flash point:** > 100 °C



# Rubio® EASYPRIMER 2C EPOXY | PRIMER + MOISTURE BARRIER

## › Packaging

Set of 2 x 2.5 kg (jerry cans).

## › Storage

Shelf life at least 12 months in the original, unopened packaging and stored in a dry place. Keep frost-free.

## APPLICATION INFORMATION

### › Applications

Rubio® EasyPrimer 2C Epoxy can be used to secure the substrate and the substance (granulating screeds) or before applying Rubio® EasyFlow, Rubio® EasyFlow-F or Rubio® EasyBond. In one layer, the primer can be used as a screed hardener for poor quality substrates. From the second layer, it acts as a moisture barrier. Rubio EasyPrimer 2C Epoxy is compulsory when used on screeds with underfloor heating as well as granulating and anhydrite screeds and when renovating existing floors with old residual adhesive.

When a second layer is desired, wait at least 6 hours and no more than 24 hours to apply the second layer. Only apply the primer on surfaces which can be glued within 24 hours (gluing can also be done after 6 hours instead of applying a second layer of primer. In any case, gluing must be done within 24 hours). When a leveller is applied after applying our Rubio® EasyPrimer 2C Epoxy, the primer layer must first be sanded with fire-dried quartz sand.

Rubio® EasyPrimer 2C Epoxy is not resistant to rising damp/moisture pressure, but is only applicable in case of residual moisture.

The primer must never be diluted with water.

### › Consumption

As a moisture barrier (in two layers) always apply at least 150-250 g/m<sup>2</sup> per layer, depending on the porosity of the substrate.

### › Instructions for use

› **Preparation of the substrate:** Rubio® EasyPrimer 2C Epoxy must be applied on a well-prepared substrate. We recommend you to start by thoroughly sweeping and vacuuming the substrate. Tears or cracks can be sealed as follows to prevent the product from draining away:

#### Step 1. Polish out the cracks

Polish out the cracks to a depth of 2 cm (over the entire length of the crack); this means you will be making the crack slightly larger than it was. Every 25 cm make a cut perpendicular to the crack with approximately the length of an anchoring hook. Vacuum the crack thoroughly to remove all possible impurities that could negatively affect the adhesion.

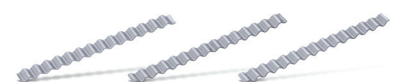
#### Step 2. Place anchoring hooks

Place the anchoring hooks into the perpendicular cuts. This will ensure an optimal connection between the cracked parts of the screed.

#### Step 3. Fill the crack

The crack and grooves are now ready to be filled with a mixture of Rubio® EasyPrimer 2C epoxy and quartz sand (proportion 1:1).

**Careful:** If the mixture is too liquid, the product will quickly disappear into the crack. If this is the case, wait 30 minutes and then fill the crack and grooves with the mixture.



# Rubio® EASYPRIMER 2C EPOXY | PRIMER + MOISTURE BARRIER

› **Mixing of both components:** Rubio® EasyPrimer 2C Epoxy uses a simple 1:1 mixing proportion; due to the low viscosity mixing can be done manually or with a drill + propeller at low speed to prevent foam formation. Mix until you obtain an even green colour. When the primer is mixed manually, this can be done by pouring component A (green) into the jerry can containing component B (grey) and shaking well. It is important that component A is poured into the jerry can of component B and not the other way around, because component A has the lowest viscosity and this way the proportions are maintained better. Both components must be shaken well before use, each in their own packaging.

› **Application of the primer:** Rubio® EasyPrimer 2C Epoxy can be applied after preparing the substrate using the green primer roller for rougher substrates. For tiled floors, the white primer roller should be used. Even, absorbent substrates can be applied onto the substrate by both rollers.



**Primer roller green**  
Suitable for rough substrates and even absorbent substrates.



**Primer roller white**  
Suitable for even absorbent substrates and tiled floors.



**Brace for primer roller**



**Extension pole for brace**

## › Cleaning

Immediately clean all tools with water.

## HEALTH AND SAFETY INSTRUCTIONS

For information and advice about the safe handling, storage and removal of chemicals we refer the user to the most recent safety data sheet, which contains physical, ecological, toxicological and other safety information. Our products need to be stored, applied and handled carefully.

Check the packaging and the safety data sheet for more details.

YOUR DISTRIBUTOR:

**LIABILITY:** It is the user's responsibility to establish, through his own tests, whether the product is suitable for the chosen application. In no case can Muylle Facon NV be held liable for any consequential damage. The information above may be subject to changes, which will be published in the updated versions of the technical data sheet. We cannot be held liable for poor results due to causes that are not related to the quality of the product. This technical information has been drawn up based on the currently available information and knowledge. The most recent technical data sheets can be requested or are available on the website. **Date of TDS: 17/05/2016. Check the safety information before using the product.**

**Muylle Facon BVBA**  
Ambachtenstraat 58 | BE-8870 Izegem | BELGIUM  
Tel: +32 (0) 51 30 80 54 | Fax: +32 (0) 51 30 99 78  
info@muyllefacon.be | www.rubiomonocoat.com



**Rubio®**  
**MONOCOAT**

**MUYLLE FACON**