

## Floortec 2C Epoxy-Primer 473



Two-component, solvent-free, in system build-up with Floortec 2C Mineralico SL 470 and Floortec 2C PU Sealer 474

### Field of application

For priming in system build-up with Floortec 2C Mineralico SL 470 and Floortec 2C PU sealer 474.

### Properties

Two-component, water-emulsified and solvent-free primer based on epoxy resin.

### Material description

<b>Color shade</b>	colorless
<b>Gloss grade</b>	silk-glossy
<b>Base material</b>	water-dilutable two-component epoxy resin
<b>VOC</b>	EU limit value for this product (Cat. A/j) 140 g/l (2010) This product contains max. 9 g/l VOC
<b>Density</b>	approx. 1.03 g/cm <sup>3</sup>
<b>Packaging</b>	2,0 kg container (hardener in separate container)

### Use

**Mixing** Mix Floortec 2C Epoxy Primer 473 with Floortec Epoxy Hardener 849 in the specified mixing ratio. Stir base material thoroughly and homogeneously before adding hardener. Take care to empty the entire hardener container. Mix both components together thoroughly until the compound created is streak-free and homogeneous. For this purpose we recommend using a low-speed stirrer (max. 400 RPM) with the special 2C stirring rod in order to avoid introducing air into the mixture. Then fill the material into a clean container and again stir well. Then allow the compound to pre-react for 10 minutes, move to a different container and stir well again.

**Mixing ratio** 4 parts by weight of Floortec 2C Epoxy Primer 473 with  
1 part by weight Floortec Epoxy Hardener 849 (4.45:1 parts by volume).

## Use

**Thinning** Apply undiluted.

**Tinting** Do not tint.

**Compatibility** Can only be mixed with Floortec Epoxy Hardener 849.

**Application** Apply the mixed material in a thin layer in transverse directions (once horizontally and once vertically) and distribute and smooth uniformly with the Microfiber Paint Roller 1221. Avoid roller edges and surplus material.

**Pot life (at +20 °C)** 1.5 hours max. After the end of the pot life, do not continue to use the material. Increased temperature will reduce the pot life.

**Consumption (per layer)** Approx. 85 g/m<sup>2</sup> prepared mixture.  
Determine the exact consumption by means of a test application on the object to be coated.

**Application temperature** Room and air temperature: Min. +15 °C to max. +25 °C.  
Substrate and material temperature: Min. +15 °C to max. +22 °C. Take the dew point temperature into consideration. Work at least 3 °C over the dew point.  
Relative humidity: Min. 45 % to max. 80 %.  
Avoid direct sunlight on the surface to be processed, as well as drafts, during the application and drying process.

**Tool cleaning** After use, immediately clean tools with water and wetting agent.

## Drying (+20 °C, 65 % relative humidity)

Can be walked on and coated with Floortec 2C PU Sealer 474 after approx. 12 – 18 hours.  
If allowed to dry for more than 48 hours, intermediate sanding with a green sanding pad Art. Nr. 3694.0400.0001 is required.  
Allow for longer drying times at lower temperatures and/or higher air humidity.

## Storage

Store in a cool and dry location. Reseal opened containers tightly.

## Declaration

**Product code** RE1.

Comply with the specifications in the current Safety Data Sheet.

# Floortec Hardener 849



## Field of application

Use only for mixing with Floortec 2C Epoxy Primer 473 and Floortec 2C Epoxy Floor Sealer 848 in the proper mixing ratio.

## Properties

Special epoxy hardener. Container size matched to the mixing ratio with Floortec 2C-Epoxy-Primer 473 and Floortec 2C-Epoxy Floor Sealer 848.

## Material description

<b>Color shade</b>	colorless, yellowish
<b>Base material</b>	water-dilutable epoxy resin
<b>Flash point</b>	> +140 °C
<b>Density</b>	approx. 1.15 g/cm <sup>3</sup>
<b>Packaging</b>	500 g hardener for 2,0 kg Floortec 2C Epoxy Primer 473 (base component in separate container)

## Use

Mix Floortec Hardener 849 in proper mixing ratio with Floortec 2C Epoxy Primer 473 and apply as described above.

## Storage

Store in a cool and dry location. Reseal opened containers tightly.

## Declaration

**Product code** RE1.

Comply with the specifications in the current Safety Data Sheet.

## Coating build-up

<b>Substrate preparation</b>	The surfaces prepared with Floortec 2C Mineralico SL 470 in the system build-up must be stable, dry, clean and load-bearing.
<b>Primer</b>	Apply Floortec 2C Epoxy Primer 473, mixed with Floortec Hardener 849 in a thin layer with the Microfiber Paint Roller 1221 without roller edges.
<b>Sealing</b>	After the areas have dried, usually starting the following day, apply two coats of Floortec 2C PU Sealer 474 for final sealing.

## Notes

- Change in color shade** Impregnating affects the color shade of the substrate and enhances the impact of color shade and effect of the plaster floor Floortec 2C Mineralico SL 470.
- Further information** Follow the instructions in the Data Sheets of Floortec 2C Mineralico SL 470 and the products used.

## Remark

This Data Sheet has been prepared taking into account the current applicable German laws, standards, specifications and codes of practice. All details have been translated from the current German version. The contents do not form a legal contract. The user and/or the purchaser is not released from the responsibility of checking that our products are suitable for the proposed use. In addition our Terms of Conditions and Payment apply.

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Brillux  
Weseler Straße 401  
48163 Münster  
GERMANY  
Phone +49 251 7188-0  
Fax +49 251 7188-105  
info@brillux.de  
www.brillux.com