



# BAYCOFLOOR-EP3391

(Former: INDUFLOOR-IB 3391)

## Two component epoxy top coating

### Description:

BAYCOFLOOR-EP3391 is a ready-to-use, pigmented, two component, solvent-free top coat epoxy resin.

### Areas of Application:

BAYCOFLOOR-EP3391 can be used at,

- Industrial plants,
- Production plants and warehouses,
- Laundries, commercial kitchens, loading ramps,
- Hospitals,
- Data processing and control rooms,
- Mall and exhibition facilities,
- Car parks and airplane hangars,
- Pharmaceutical, food, automotive industries floors, as a top coat.

### Properties/Advantages:

- Easy to apply.
- High abrasion resistance.
- Excellent adhesion to the surface.
- High chemical and mechanical resistance.
- Non slippery surface.

### Technical Data:

Basis:	two comp. epoxy resin
Standard color:	RAL 7032
Density:	at +20°C 1,52±0,02 g/cm <sup>3</sup>
Pot life:	at +23°C 60 minutes
Min. cure temp.:	+12°C
Mixing ratio:	21,5 : 3,5 parts by weight
Traffic after:	at +23°C after 12 hours
Fully cured:	at +23°C 7 days
Application temp.:	+12°C to +30°C

### Packaging:

BAYCOFLOOR-EP3391 is delivered in two component containers total 25 kg, in the exact mixing ratio.

### Storage:

The product can be stored for 18 months when stored dry and above +10°C in the original unopened containers.

### Surface Preparation:

- BAYCOFLOOR-EP3391 is applied to the primed substrate. The surface must be clean and free from dust and loose particles. All traces of contaminants such as oils, fats, greases, paint residues, chemicals, algae and laitance should be removed.
- If the surface is uneven and has irregularities, BAYCOFLOOR-EP1260 and quartz sand (0,2-0,7mm grain size) shall be mixed and applied. (See TDS BAYCOFLOOR-EP1260)
- If there is a condition which residual moisture > 4%, BAYCOFLOOR-EP1240, moisture barrier primer, shall be used.
- BAYCOFLOOR-EP3391 should be applied within 24 hours after the primer. A later application is only possible after careful grinding.

### Product Preparation:

- Component A and B are delivered in separate containers with a predetermined mixing ratio .
- The material has to be heated to ambient temperature (air and floor temperature).
- The minimum temperature during stirring should be 15°C.
- The component-A (resin) is stirred for about 2-3 minutes, using a mechanical stirrer. Then the entire content of the B-component is emptied in to the A-component slowly and keep stirring low-speed (300 rpm) until the mix is homogeneous (approx 3 minutes).
- The inclusion of air in the stirring process must be avoided.
- Before starting the applikation, the mixture is pured into a different clean container and stirred again briefly.

### Method of Application:

- BAYCOFLOOR-EP3391 is poured onto the entire surface in portions and spread with a lamb fur roll. Forming of puddles are to avoid. The area must be rerolled in cross coat method.
- The relative humidity must not excess 75% to assure an adequate evaporation of the water.

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## **Consumption:**

- BAYCOFLOOR-EP3391 should be applied with 500 g/m<sup>2</sup> consumption in one layer

or

- with 800 g/m<sup>2</sup> total consumption in two layers.

## **Cleaning:**

Clean tools right after the application with cellulose thinner.

## **Health and Safety:**

- BAYCOFLOOR-EP3391 is harmless, after curing.
- B-component is corrosive.
- Users are advised to wear gloves and eye protection when mixing and applying the product.
- Appropriate health and safety advice can be found in the MSDS.

## **Important Advices:**

- Higher temperatures shorten the pot life. Lower temperatures increase the pot life and curing time. Material consumption is also increased at lower temperatures.
- The adhesion between two application layers can be impeded through the influence of dampness or contamination.
- When longer waiting times occur between application of the coats or where surface is already treated with resin must be re-coated after a long time, the surface must be well cleaned and abraded, after which a completely new coating should be applied. It is not sufficient simply to overcoat.
- The surface must be protected against dampness for 4-6 hours. Dampness causes discolorization and irregularities.
- For the applications which are not mentioned in this data sheet, please refer to our technical department.