

# BonaSafe

New Generation of anti-slip coating



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Polycarbonate waterborne anti-slip coating.

A Highly abrasion resistant, anti-slip, matt, transparent or coloured, waterborne, two-component sealer.

### Description :

**BonaSafe** is a two-component water-borne modified polycarbonate sealer with excellent abrasion and scratch resistant properties. Glass bead fillers ensure excellent anti-slip surfaces in different grades and can be applied on all common surfaces as floors, stairs and sanitary as well as in private housing or industrial applications.

**BonaSafe** is a UV light stable anti slip coating used to be applied on :

- Tiles
- Natural Stone
- Laminate
- Acryl sanitary hardware (bath tub, shower basin)
- Indoor and Outdoor

**BonaSafe** is an environmentally friendly solution for many industrial, commercial and private applications where anti-slip properties are required to avoid accidents.

**BonaSafe** is chemically resistant to a variety of alkalis, acids, and solvents.

**BonaSafe** avoids use of unsanitary and sometimes dangerous shower mats.

Surfaces coated with **BonaSafe** are porous-free, hygienic and easy to clean.

### Technical Data :

<b>Colour :</b>	Transparent (or coloured) matt
<b>Rate of Use :</b>	one coat 75 - 100 gm/m <sup>2</sup>
<b>Pot Life :</b>	Approx. 8 hours at 20°C
<b>Tack Free :</b>	Approx. 30 min. at 25°C
<b>Touch Dry :</b>	Approx. 130 min. at 25°C
<b>Walkable :</b>	Approx. 24 hours at 25°C
<b>Full Hardness :</b>	7 days at 25°C
<b>Mix Ratio :</b>	100 A : 9 B by weight for transparent. (other mixing ratios for coloured)

### Chemical Resistance :

**BonaSafe** is resistant to the following chemicals :

Sulphuric Acid	15%	Sea Water
Hydrochloric Acid	15%	Deionized Water
Phosphoric Acid	15%	Oil
Citric Acid	15%	Petrol
Lactic Acid	100%	Diesel Fuel
Acetic Acid	15%	Isopropanol
Sodium Hydroxide	50%	
Ammonia	50%	

### Directions for Use :

Protect yourself!

We recommend to wear gloves and eye protection during handling with **BonaSafe**.

1. Make sure that the surface to be applied with **BonaSafe** is dry, clean and free from any contamination i.e. dust, oil, grease, soap, etc. Synthetic floors such as epoxy and polyurethane should be sufficiently cured before application.
2. The two components of **BonaSafe** should be thoroughly mixed together directly prior application. Please decant the mixed coating into another bowl and mix again. Care must be taken to minimize the foaming.
3. The film application should be kept to the recommended rate of 75 - 100 gm/m<sup>2</sup>.  
The consumption should be checked in relation to the sealed area.
4. Care should be taken when applying the coating on very rough surfaces to avoid excessive material trapped in holes or cavities "pudding". This will cause water to be trapped in the film resulting in turbidity and other problems in the film quality.

### Storage :

Product has a shelf life of at least 12 months in its original containers at a temperature above freezing.

### Certificates :

**BonaSafe** - fine

DIN 51097:1992 : Class C

DIN 51130:2014 : R 12

**BonaSafe** - coarse

DIN 51097:1992 : Class C

DIN 51130:2014 : R 13

The tests were done at KIWA GmbH- Polymer Institute, 65439 Flörsheim / Germany

### Safety and Health :

Even though **BonaSafe** is a water based product with no smell and no solvent, care should be taken as with any coating not to get the product in the eyes, face or to be swallowed.

If that happens flush with large amount of water followed by cleaning skin with soap and water.

No other type of solvent should be used in case of accidental swallowing induce vomiting and seek medical advice.

It is always preferred to protect yourself by wearing suitable workwear, gloves and eyes protection glasses. Also any left-over material should be left until it's cured before disposal.

Liquid material are forbidden to dispose in any sewage system else blockage could occur.