



**KÖSTER**

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**KÖSTER Iperlan**

// **Technical Data**

**KÖSTER at your service – worldwide.**



Waterproofing Systems  
**KÖSTER Iperlan**

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Color	Cloudy Transparent after cure
Viscosity (+20 °C)	approx. 500 mPa·s
Capillary water uptake (w)	less than 0.1 kg / m <sup>2</sup> h <sup>0.5</sup>
Density (+20 °C)	0.91 g / cm <sup>3</sup>
Average penetration depth	Approx. 19 mm
Active ingredients	≥ 90%
Application temperature	+5 °C to +30 °C
NT Build 515 (Chloride permeability)	Filter effect 0.81

The valid standards for testing and installation, acknowledged rules of technology, as well as our technical guidelines must be adhered to at all times.



DEUTSCHE  
BAUCHEMIE



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## // Application



## Advantages of KÖSTER Iperlan:

- Protection against ingress of substances
- Regulation of the moisture balance
- Increase of the electrical resistance
- No restriction of the water vapor diffusion resistance
- Reduces water absorption
- Organic growth is reduced
- High UV resistance
- Environmentally friendly
- No health risk
- It has the required test certificates and the CE marking in accordance with EN-1504-2

## // Features

KÖSTER Iperlan is used for the treatment of concrete to reduce the penetration of substances harmful to concrete such as chlorides or other aqueous media. KÖSTER Iperlan is characterized by easy spray application. Due to a combination of its composition and active ingredients the material penetrates deep into the concrete structure and therefore helps protect the reinforcement steel. KÖSTER Iperlan is an OS 1 (A) Surface Protection System according to the RLi SIB (DAFStB- classification 18026), ZTV-ING. KÖSTER Iperlan does not affect the breathability of the concrete. It reduces algae formation by drying the substrate.

## // Fields of application

KÖSTER Iperlan is a highly effective hydrophobic impregnation for the protection of concrete in civil engineering such as bridges, dams, harbors, or other concrete elements that require a permanent protection system against permanent exposure to water, salts, pollutants, and other substances.

## // Consumption

Approx. 500 to 600 ml/m<sup>2</sup> depending on porosity of the substrate

It is recommended to apply a test area before starting the project in order to determine the consumption.

## // Packaging

