

## ■ dichtol 0210 STD #0210

### Product description



dichtol 0210 is a 1-component impregnation system specially developed for drilling and undercuts with particularly fast ventilation time and improved paintability. Like our other impregnation systems, dichtol 0210 penetrates deep into the porosities of the casting without pressure or vacuum and cures there under ambient conditions. dichtol 0210 is suitable for both single and serial impregnations. In addition, dichtol 0210 offers temporary corrosion protection and can be used e.g. as transport protection against rust or corrosion.

### Characteristics

- Specially fast ventilation time
- Improved paintability
- Ready-to-use 1-component system
- Temporary corrosion protection (transport protection)

### Typical applications

Capillary-active impregnation of micropores, hair cracks and porosities by direct filling in holes or undercuts

### Product data condition of delivery

Hue component A (resin)	colorless
Storability	12 months in sealed container; store in a cool and dry place
Density	at 20°C density is 0,84 [g/cm <sup>3</sup> ]

Viscosity	at 20°C viscosity is 12 (Sek.) / 4mm
Grain	does not contain pigments / particles, 100% solution
Mixing ratio	1-component product, mixing is unnecessary
Curing Surface drying	dichtol 0210 chemically cures completely at room temperature in a few hours (approx. 1 hour per mm wall thickness).
up to 5mm wall thickness	4(20)
5-10mm wall thickness	8(22)
10-15mm wall thickness	13(40)
>15mm wall thickness	20(44)
Processing temperature	Max. 25°C

### Product data (outreacted product)

Compressive strength	350 bar
Temperature resistance (permanent)	250 °C
Temperature resistance (briefly)	400 °C
Dry film thickness	3 µm
shade	colorless
pore size	0-0,1 mm

### Storage / Shelf life

12 months in sealed containers, store in a cool and dry place

## Preparation

In the pores to be sealed, dirt residues, foreign bodies, grease and other substances must be completely removed.

## Application

Deep holes, threads, channels, bores or undercuts can be impregnated with dichtol 0210 by filling. Due to the fast flash-off time, the component can be used again after a few minutes. dichtol 0210 can also be applied by dipping or with a brush. The object temperature should not exceed 25°C, otherwise penetration of the polymer cannot be guaranteed 100%. After application, dichtol 0210 can be poured back and used for further applications.

## Curing

The surface is dry after a few minutes. dichtol 0210 cures chemically at room temperature within a few hours (approx. 1 hour per mm wall thickness) completely.

## Disposal

Do not empty into drains or waterways. Waste and containers must be disposed of in a secure manner. Disposal in accordance with Directive 2008/98/EC on waste and hazardous waste. Proposal list for waste codes/waste designations according to EAKV 080111\* Waste paints and varnishes containing organic solvents or other hazardous substances \*Hazardous waste according to Directive 2008/98/EC (Waste Framework Directive). Uncontaminated and emptied packaging can be recycled. Containers that are not properly emptied are hazardous waste.

## Safety Data Sheet

Please read the appropriate safety data sheet before processing the product. Material Safety Data Sheets are available on a daily basis upon request via [info@diamant-polymer.de](mailto:info@diamant-polymer.de) or by phone +49-2166-98360. DIAMANT guarantees the product properties as long as they are stored and used according to the specifications listed here. DIAMANT does not assume any responsibility for the processing of the material. Our technicians will be happy to answer any further questions you may have.

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