

dichtol Standard #0210 **Metal Impregnation**

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

Typical applications

Capillary-active impregnation of micropores, hair cracks and porosities by direct filling in holes or undercuts.
Application by brush, spray, dipping or filling.



Available in the following versions

ARTICLE	PRODUCT	DESCRIPTION
#0210	dichtol Standard	1 litre, 5 litres, 10 litres, 200 litres

Product data condition of delivery

PROPERTIES	VALUE
Colour	Transparent
Density at 20 °C	0,84 g/cm ³
Viscosity at 20 °C	12 seconds/4 mm
Grain	Does not contain pigments/particles, 100% solution
Mixing ratio	1-component product, no mixing required
Surface dry at 20°C [min.]	Aproxx. 10 minutes
Mechanical dry at 20°C [min.]	Aproxx. 30 minutes
Full chemical resistant at 20 °C [hours]	Aproxx. 24 hours
Consumption per surface area	Approx. 1L/10m ²
Processing temperature	+5 °C to +40 °C

Product data, outreacted product

PROPERTIES	VALUE
Colour	Transparent
Temperature resistance (permanent)	120 °C
Temperature resistance (briefly)	200 °C
Dry film thickness	3 µm
Recommended pore size for use	0-0,1 mm

Storage / shelf life

Store in the original, unopened container in a cool, dry place (+5 °C to +30 °C). Shelf life 60 months.

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. dichtol 0210 can also be applied by dipping or with a brush. The object temperature should not exceed 30°C, otherwise penetration of the polymer cannot be guaranteed 100%. After application, dichtol 0210 can be poured back and used for further applications if not contaminated.

Curing

The surface is dry after a few minutes. dichtol 0210 cures chemically at room temperature within a few hours completely.

Waste 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 relevant safety data sheet before using the product. Safety data sheets are available on a daily basis on request via info@diamant-polymer.de or by telephone on +49-2166-98360.

DIAMANT guarantees the product properties as long as they are stored and used in accordance with the specifications listed here. DIAMANT accepts no responsibility for the processing of the material. Our technicians will be happy to answer any further questions you may have.

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The technical data listed here was determined under laboratory conditions and verified by quality assurance processes on the day of product manufacture. We reserve the right to make changes without prior notice. The customer is responsible for verifying the up-to-dateness of the data and should contact DIAMANT before ordering the material. Application, use and processing are beyond our control and are therefore the sole responsibility of the purchaser. Should liability nevertheless arise, this is limited to the value of the goods supplied by us and used by you. We guarantee the flawless quality of our products in accordance with our general terms and conditions of sale and delivery. All technical data vary depending on the loads and conditions of use. We will provide specific application data on request in each individual case.