

## dichtol WFT Makro #1546

### Product description

dichtol WFT Makro is a ready-to-use 1-component impregnation system based on a special polymer formulation. Thanks to its versatile application options (brushing, spraying, injecting, dipping), dichtol WFT Makro enables the reliable impregnation of leaking components.

With dichtol WFT Makro, large pores (from 0.1 to 0.5 mm) can be sealed. This enables high pressure tightness, even with difficult object structures. In the case of locally known leaks, the selective impregnation ensures efficient use of material. The direct application on site also eliminates long waiting and delivery times.

### Characteristics

- Efficient material consumption
- Multiple application options through: dipping, brushing, injecting, spraying
- Temporary corrosion protection (transport protection)
- Tested for drinking water (Gelsenkirchen Hygiene Institute)

### Typical applications

- Capillary-active deep impregnation of micropores, hairline cracks and porosities
- Punctual serial impregnation
- Single impregnation (of large components)

### Available in the following versions

ARTIKLE	PRODUCT	DESCRIPTION
#1546	dichtol WFT Makro	1 litre, 5 litres, special sizes on request.

### Product data delivery state

PROPERTIES	VALUE
Colour component A (resin)	Colourless
Shelf life	5 years
Density	0,90 [g/cm³]
Viscosity	17 sek / 34 [mPas]
Curing Surface drying	1 hour per mm wall thickness
up to 5 mm wall thickness:	8 (24)
5-10 mm wall thickness:	12 (24)
10-15 mm wall thickness:	19 (48)
> 15 mm wall thickness:	28 (48)
Application temperature	up to 40°C



## Product data reacted

PROPERTIES	VALUE
Colour	Colourless
Pore size	0.1-0.5 mm

## Storage / shelf life

Store in the original, unopened container in a dry, cool and frost-free place (+5°C to +30°C). Shelf life 5 years.

## Processing / preparation

Dirt residues, foreign bodies, grease and other substances must be completely removed from the pores to be sealed. We recommend the use of DIAMANT cleaner #1417 for this purpose.

## Application

The object or application temperature should not exceed +40°C, otherwise the penetration of the polymer cannot be 100% guaranteed.

## Brushing & spraying

Apply a thin layer of dichtol in 4 steps at intervals of about 1 minute and keep the surface moist for at least 5 minutes. for at least 5 minutes. This allows dichtol to penetrate deep into the pores.

## Injecting & filling

Pour dichtol into the area to be sealed (e.g. blind hole, threaded hole, cooling channel, etc.) and allow to react for at least 5 minutes. If necessary, then siphon off/pour off excess material.

## Dipping

Immerse the component completely in dichtol. After a reaction time of approx. 10 minutes, the component can be removed from the can be removed from the container.

## Curing

dichtol WFT Macro dries out physically in a few hours (approx. 1 hour per mm of wall thickness) and due to the fast drying of dichtol, it is possible to use the components again after a short time.

## Waste disposal

Do not allow to enter the sewerage system or bodies of water. Waste and containers must be disposed of in a safe manner. Disposal in accordance with Directive 2008/98/EC on waste and hazardous waste. Suggested list of waste codes/waste designations according to EWC 080111\* Waste paint and varnish containing organic solvents or other hazardous substances \*Hazardous waste according to Directive 2008/98/EC (Waste Framework Directive). Non-contaminated and completely emptied packaging can be recycled. Containers that have not been 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](mailto: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.

## Disclaimer

The following supersedes the Buyer's documents. Seller makes no representation or warranty, express or implied, including merchantability or fitness for a particular purpose. Although the information and data in this publication are based on our own findings and are believed to be reliable, we can accept no responsibility for the suitability or results of further processing of the products described herein. We also disclaim any responsibility for loss or damage caused directly or indirectly by the processing of our products. The processor is obliged to ensure the quality, safety and other relevant properties of the products described by carrying out his own tests before using them. We guarantee the flawless quality of our products in accordance with our General Terms and Conditions. The buyer's sole remedy and the seller's sole liability for any claims shall be the buyer's purchase price. No reference in this publication shall be construed as an inducement, recommendation or authorisation to infringe existing intellectual property rights. When handling our products, the industrial hygiene and legal regulations must be observed. Please also refer to the relevant safety data sheets. This edition replaces all previous versions.

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.