

■ dichtol WFT Macro #1546

Product description

dichtol WFT Macro is a ready-to-use 1-component impregnation system based on a special polymer formulation. Thanks to the various application possibilities (brushing, spraying, injecting, dipping) dichtol WFT Makro enables reliable impregnation of leaky components. With dichtol WFT Macro large pores (from 0.1 to 0.5mm) can be closed. This allows high pressure tightness, even with difficult object structures. In the case of locally known leaks, punctual impregnation ensures an efficient use of materials. Direct application on site also eliminates long waiting and delivery times.



Characteristics

- Efficient material consumption
- Diverse applications by: dipping, brushing, injecting, spraying
- Temporary corrosion protection (transport protection)
- Drinking water and food tested (Institute of hygiene Gelsenkirchen)

Typical applications

- capillary-active deep impregnation of micropores, hair cracks and porosities
- Specific series impregnation
- Single impregnation (of large components)

Pack sizes

Article	Description
M04 1 litre	1 litre can with resealable HZ-closure

Custom sizes on request.

Product data condition of delivery

Hue component A (resin)	colorless
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Storability	5 years
Density	0,90 [g/cm ³]
Viscosity	17sec / 34[mPas]
Curing Surface drying	1 hour per mm wall thickness
up to 5mm wall thickness	8(24)
5-10mm wall thickness	12(24)
10-15mm wall thickness	19(48)
>15mm wall thickness	28(48)
Processing temperature	up to 40°C

Product data (outreacted product)

color	colorless
pore size	0.1-0.5 mm

Storage / Shelf life

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

Processing / Preparation

In the pores to be sealed, dirt residues, foreign bodies, grease and other substances must be completely removed. For this purpose we recommend the use of DIAMANT Cleaner #1417.

Application

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

Brush & Spray

apply sealant thinly in 4 stages at intervals of about 1 minute and keep damp on the surface for at least 5 minutes. This allows dichtol to penetrate deep into the pores

Inject & Fill

insert dichtol into the space to be sealed (e.g. blind hole, threaded hole, cooling channel, etc.) and allow to react for at least 5 minutes. Then, if necessary, vacuum/drain off excess material.

Dipping

Dip the component to be treated completely in dichtol. After a reaction time of approx. 10 minutes the component can be removed from the container.

Curing

dichtol WFT Makro dries physically in a few hours (approx. 1 hour per mm wall thickness). Due to the rapid drying of Dichtol, it is possible to use the components again after a short time. See table "Technical data".

Disposal

Do not empty into drains or water courses. Waste and containers must be disposed of in a safe manner. Disposal according to Directive 2008/98/EC on waste and hazardous waste. Proposal list of waste keys/waste names according to ECAC 080 111* Waste colours and varnishes containing organic solvents or other hazardous substances *Hazardous waste according to Directive 2008/98/EC (Waste Framework Directive). Non-contaminated and empty packaging can be recycled. Containers that are not emptied properly 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 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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