

## ■ dichtol WFT Spray #2087

### Product description

dichtol WFT Spray is a ready-to-use impregnation system based on a special polymer formulation. By using the practical spray can, dichtol WFT Standard Spray enables a simple and reliable impregnation of leaky components. The smallest pores from 0 to 0.1 mm can be closed. This allows a high pressure tightness, even with difficult object structures. In the case of locally known leaks, the punctual impregnation ensures an efficient use of materials. Direct application on site also eliminates long waiting and delivery times.

### Characteristics

- Efficient material consumption
- Temporary corrosion and transport protection
- Drinking water and food tested  
(Instute 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
S01 500ml	

Custom sizes on request.

### Product data condition of delivery

Hue Processing / Preparation	colorless
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Storability	store in a cool and frost-free place (5°C- +20°C). Shelf life 5 years
Density	0,88 [g/cm <sup>3</sup> ]
Viscosity	13sec / 12[mPas]
Curing Oberflächentrocknung	6 min
up to 5mm wall thickness	6 (24)
5-10mm wall thickness	10 (24)
10-15mm wall thickness	17 (48)
>15mm wall thickness	24 (48)
Processing temperature	max. 30°C

### Product data (outreacted product)

Temperature resistance (permanent)	300 °C
Temperature resistance (briefly)	300 °C
Dry film thickness	4 um
Wet layer thickness	30 um
color	colorless
pore size	0 - 0,1 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

Dirt residues, foreign bodies, grease and other substances must be completely removed from the pores

to be sealed. 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 behaviour of the polymer may be reduced.

## Brush & Spray

apply sealant in 4 stages at intervals of about 1 minute and keep damp on the surface for at least 5 minutes.

## Inject & Fill

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, pour off excess material.

## Dipping

Dip the component to be treated completely in dichtol. After a reaction time of at least 5 minutes, remove the component and allow to drain well.

## Curing

dichtol WFT cures within a short time. Please refer to the table for the exact times. We distinguish the hardening in three stages:

1. Surface hardening = time from which the material is grip-resistant and can be moved
2. Mechanical through-hardening = time from which the material can be mechanically processed
3. Full through-hardening = time from which the material has reached its full chemical resistance

## Disposal

Do not empty into drains or water courses. Waste and containers must be disposed of in a secure manner. Disposal according to 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). 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](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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