

## ■ dichtol WFT Spray #2087

### Product description

dichtol WFT Standard Spray is a ready-to-use impregnation system based on a special polymer formulation. Applied using a practical spray can, dichtol WFT Standard Spray enables simple and reliable impregnation of leaky components. Even the smallest pores of 0 to 0.1 mm can be sealed.

This enables high pressure tightness, even with difficult object structures. In the case of known local leaks, selective impregnation ensures efficient use of materials. Direct application on site also eliminates long waiting and delivery times.

### Characteristics

- Efficient material consumption
- Temporary corrosion protection (transport protection)
- Approved for use with drinking water and food (Gelsenkirchen Hygiene Institute)

### Typical applications

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



### Available in the following versions

ARTICLE	PRODUCT	DESCRIPTION
#2087	dichtol WFT Spray	500 ml, special sizes available on request

### Product data delivery state

PROPERTIES	VALUE
Colour tone processing/preparation	Colourless
Density	0,88 [g/cm <sup>3</sup> ]
Viscosity	13 sek / 12 [mPas]
Curing Surface drying	6 min
up to 5 mm wall thickness:	6 (24)
5 - 10 mm wall thickness:	10 (24)
10 - 15 mm wall thickness:	17 (48)
> 15 mm wall thickness:	24 (48)
Application temperature	max. 30°C

## Product data reacted

PROPERTIES	VALUE
Temperature resistance (permanent)	300°C
Temperature resistance (short term)	300°C
Dry film thickness	4 µm
Wet film thickness	30 µm
Colour	Colourless
Pore size	0 - 0,1 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.

## 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. This allows dichtol to penetrate deep into the pores.

## Curing

dichtol WFT hardens within a short period of time. Please refer to the table for the exact times. We distinguish between three stages of hardening:

1. Surface curing = time from which the material is touch-dry and can be moved
2. Mechanical curing = time from which the material can be machined
3. Full curing = time from which the material has reached its full chemical resistance

## 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.

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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.